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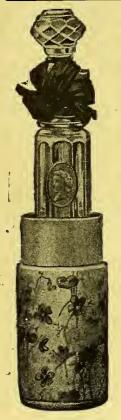
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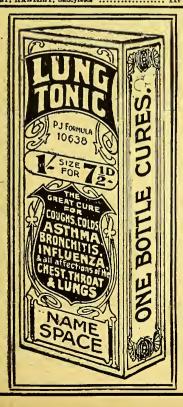
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SEANCE, ISAAC, & CO. (Aberdean), Id., Cod Liver Oil of SPRING & CO., Id., Honey 28 SEENCER, ISAAC, & CO. (Aberdean), Id., Cod Liver Oil of SPRING & CO., Id., Honey 32 SEENCER, E. (CO., Photographics



PROFITABLE SPECIALITY

BEARING YOUR OWN NAME

TONIC

FREE Window Slips **FREE Showcards** FREE Delivery nearest Railway Station FREE Sample NAME on LABEL

NAME on Carton

P. J. Form., therefore no stamps required. Known, admitted, and approved.

Excellent Profit, and nothing to do but hand it over the counter. Makes an effective Window Show -Quick seller. Sure repeats. -

> Two Sizes, selling at $7\frac{1}{2}$ d. and 1/3.

Write for new scale of prices according to quantity ordered.

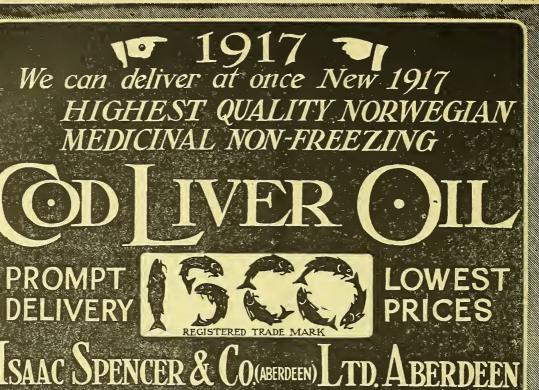
Customers can have their own prices printed on the cartons.



Manufacturing Chemists, THE BRIDGE STREET, DERBY.

Apply for prices for

PILLS, CAPSULES, TABLETS, AND OTHER OWN NAMED PACKED LINES.





CAN OFFER

ASPIRIN B.P.

Crystals and Tablets.

SALICYLIC ACID

B.P. Crystals.

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Forward Delivery.

MECHANICAL DENTISTRY

Freeman Bros.
WITHAM - HULL.

'Phone-CENTRAL 1290.

High-Class Work at Moderate Prices

Reliable Staff under Personal Supervision.
Punctuality Guaranteed, & Best Materials.

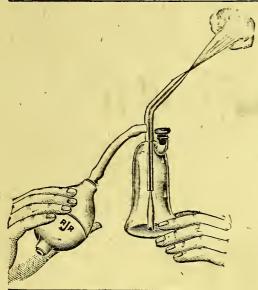
ENTIRELY BRITISH

ALL-GLASS SPRAYS and CLOUDIZERS

Manufactured by R. J. REUTER,

MANUFACTURER OF AND DEALER IN CHEMISTS SUNDRIES.

69 CARTER LANE, E.C. 4.



DELTA" (All-Glass)

(PATENT APPLIED FOR).

For Light Oils or Aqueous Solutions

To be used where a continuous direct spray is indicated.

36/- DOZEN.

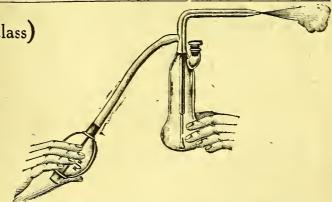


Regd. No. 661202 (PATENT APPLIED FOR).

Specially designed for use with small quantities of either Oily or Aqueous Solutions.

Its construction enables the last drop to be vaporised, therefore the most economical for expensive solutions.

36/- DOZEN.



The "DELTA" and "PARVO" SPRAYS are so constructed that THEY CAN BE CARRIED IN ANY POSITION WITHOUT LEAKAGE, either through the Throat Tube or into the bellows.

THEY ARE THE ONLY SPRAYS where the discharge tube is fixed to the base of the Spray. This greatly adds to their strength and enables the last drop to be vapourised.

ADDITIONAL LINES ALWAYS IN STOCK.

36/-



GLUCOSE

Liquid or Solid (Corn Syrup)

UNION JACK BRAND

A SPECIAL QUALITY for Manufacturing Chemists and Druggists is now made by

GARTON & CO. YORK PLACE, BATTERSEA, S.W. 11



BRIDGE

PHARMACEUTICAL AND PHOTOGRAPHIC PRODUCTS

R. W. GREEFF & CO. offer at lowest prices the following products manufactured in the United Kingdom, Allied and Neutral Countries

(WHOLESALE QUANTITIES ONLY)

Acetanilid Acetyl Salicylic Acid Amidopyrin Barbitone Benzoic Acid Benzoate of Soda Benzamine Hydrochlor Beta Naphthol Bromide of Ammonium Bromide of Potassium Bromide of Sodium Chloral Hydrate Cinchonine and Salts Cinchonidine and Salts Citric Acid Cocain Hydrochlor and Puriss Cream of Tartar

Creosote Carbonate Formaldehvde Gallic Acid Guaiacol Carbonate Heliotropin Hexamine Homatropine Hydroguinone Isarol (best lchthyol substitute) Lithia Carbonate Lithol (Ichthyol substitute) Mercurials Methylene Blue Medicinal Methyl Salicylate Peppermint Oil Phenacetin Phenazone

Pyrogallic Acid Potassium Sulpho-Guaiacolate Quinidine and Salts Quinine and Salts Quinine Ethyl Carbonate Salicylic Acid Salicylate of Soda Salol Sugar of Milk Tannic Acid Tannin Albuminate Terpineol Terpine Hydrate Theobromine Thymol Crystals Vanillin

R. W. Greeff & Co. THAMES HOUSE, QUEEN ST. PLACE, LONDON, E.C.



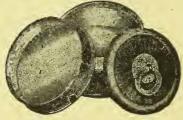
Poudre-Grasse Solide

The ideal compact face powder and puff for everyday use everywhere.

DELICATELY PERFUMED

Natural tints for all seasons and climes.

The
FASHIONABLE
LINE OF
TO-DAY.

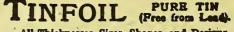


SAMPLE FREE ON REQUEST.

PRODUCED IN LONDON BY-

Grant et Cie, Perfumers

Black Bull Works, LONDON, N. 7.



All Thicknesses, Sizes, Shapes, and Designs for the Wrapping of

DRUGS, CHEMICALS,
PLASTERS, BANDAGES,
AND SANITARY APPLIANCES,
BOTTLING FOILS.
SHAVING SOAPS FOILS

(Designed and Perforated).

TOILET SOAPS FOILS,
AND FOILS FOR COMPRESSED
TABLETS OF FOODSTUFFS,
DRUGS, PILLS, LOZENGES, &c.

· CHOCOLATE (Embossed or Printed).

Also in REELS for WRAPPING MACHINES

LEAD & COMPOSITION FOILS for special Chemical Wrapping.

H. ERHARDT & CO. Ltd.

9 & 10 Bond Court, Walbrook, LONDON, E.C.

Sotablished 1876. Telepho; or 383 and 384 City.
Telepho; or 383 and 384 City.

Snowfire Sells like Wildfire

Snowfire is the emollient with the quickest, sales. Used by munition-workers, women on the land, and by all employed on grimy work. Snowfire cleanses, whitens and softens the hands—makes them a source of pride.

Snowfire sales are steady and always increasing. The profit obtained is 35 % to 43 %.

Snowfire

attracts the public eye. Efficiently and widely advertised. Snowfire is sent, carriage paid, to customers' doors, by passenger train. No charge for packing cases.

Sold only by Chemists and Druggists.

Write for) full particulars to



F. W. HAMPSHIRE & CO., LTD.

Riverside Works, DERBY.

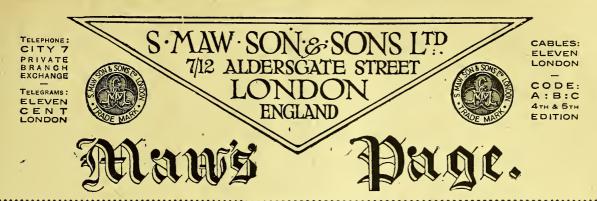


BRITISH NOW



Send for Price List and Trading Terms.

ODOL Chemical Works, BERKHAMSTED.



NUMBER 319

NOVEMBER 24, 1917.

PAREX BEAUTY LEAFLETS

These Leaflets remove all exudation from the face, and add a harmless "bloom" to the surface of the skin.

The Perfume is delicate and refined.

"Parex" Beauty Leaflets are issued in neat books, the covers of which are artistically printed in several colours, and will easily slip into the vanity bag.



PRICE

3/- PER DOZ.

ENTIRELY BRITISH MADE! MAWS DURBAR ENEMA.

An English-made Enema, guaranteed for 12 months from date of supply.

Easy of Sale at a reasonable price.



is supplied in black with enamel finish, or in red with velvet finish; including Elastic Gum Vaginal Pipe and Leather Shield in attractive box.

28/- PER DOZ.

THE ENEMA FOR PRESENT-DAY REQUIREMENTS.

HOURS OF BUSINESS: 8.30 a.m.-5.30 p.m.

CLOSE AT 1 p.m. SATURDAYS.

GIBBS'S

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NOW IN GREAT DEMAND

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GET YOUR SUPPLIES OUICKLY

SHAVING SOAP

In Tins and Sticks

D. & W. GIBBS, Ltd., City Soap Works, London, E.1

A la Reine des Fleurs

Parfumerie L.T. Piver

10 Boulevard de Strasbourg PARIS.

An assortment of PIVER'S PERFUMERY is always a sound investment for the Chemist. Profit 33\frac{1}{3}\% P.A.T.A. protected. Do not delay, but order now:—

Trèsse Incarnat, Pompéia, Floramye, Muguet, Azuréa, Violette, Safranor, Vivitz, Espéris, Aventurine, Nardo, Chandor, Lariette, Vélivole, Astris & Oréade. Violette Ducale.

PRICE LIST AND London Dépôt, 9/10 Edward St., Soho, W.1. TELEPHONE: DEPRES FROM LONDON DÉPÔT, 9/10 Edward St., Soho, W.1.

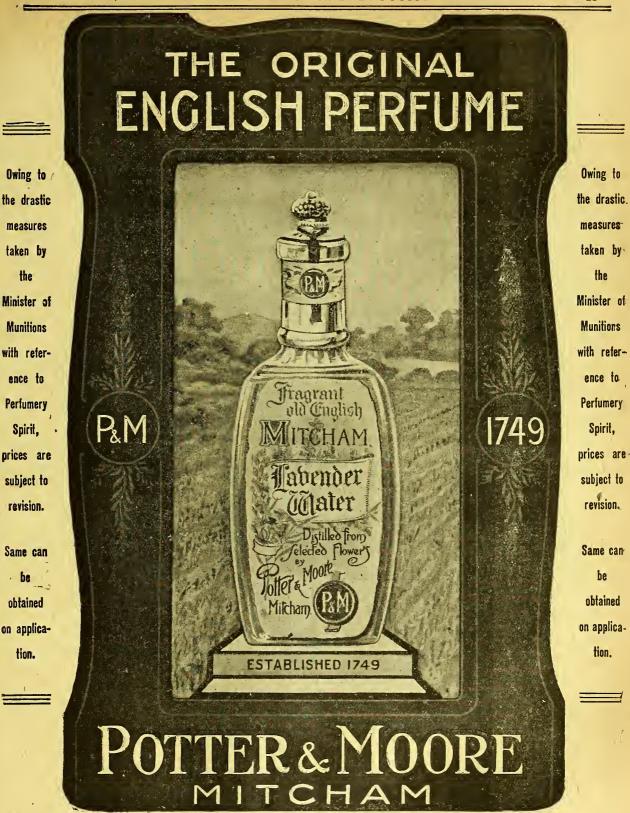
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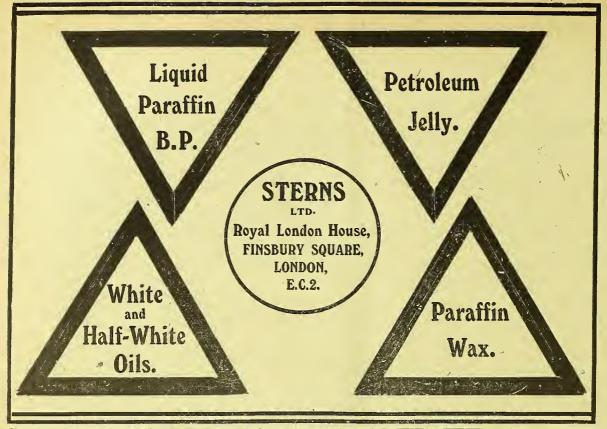
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SOLE PROPRIETORS:

W.J. BUSH & CO., Ltd., Ash Grove, Hackney, London, E.8.





"Corruganza" SEAMLESS Ointment Boxes.

CDEASEDDOOF

PRITICH HARE

Better than the old Willow Boxes, because they are stamped out of one piece, and the bottoms cannot fall out.

MILLIONS SOLD ALREADY. REPEAT ORDERS DAILY.

HUGH STEVENSON & SONS, LTD., Summerstown, London, S.W. 17.

AN INVITATION.

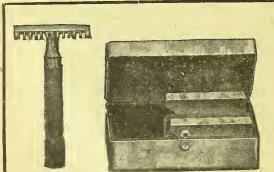
Should any subscriber to this Journal not yet have stocked

Solo Effervescing Tablets

(entirely British and the most convenient, elegant and efficient Mouth and Throat Wash and Nasal Douche yet introduced)

they are invited to apply for free testing sample and full particulars to the Proprietors and Manufacturers:

THE WESTERN DENTAL MFG. CO. (1914) Ltd., 74 Wigmore Street, London, W.1. "Soto!" Effervescing Tablets are obtainable from all Wholesale Chemists or Druggists' Sundriesmen



SAFETY RAZORS

British Made.

Numerous patterns, suitable for all markets. English or Foreign catalogues on application. We are the largest makers in Great Britain.

ROWLAND HODGES Ltd., Birmingham, Eng.

Branch Offices: LONDON (Turner, Ryalls & Co., Ltd., Agents), 64 Basinghall Street, E.C.; GLASGOW; 52 St. Enoch Square.

A Beautiful "Entente" Adherent to "Harlene Hair Drill"

In these War times it is indeed a pleasure to reproduce the photo of one of the many thousands of Entente adherents to "Harlene Hair Drill." Not only throughout the British Empire, but in all our Allied countries "Harlene Hair Drill" has always been extremely popular, and the products of Edwards' Harlene, Ltd., have always received a most cordial welcome from the public.

TO-DAY, in response to the Press announcements of Edwards' Harlene, Ltd., the demand for their products is wider than ever, and no Chemist or Store can afford to be without this unique line of toilet preparations.

- "HARLENE" FOR THE HAIR.
- "ASTOL" FOR GREY HAIR.
- "UZON" BRILLIANTINE.
- "CREMEX" SHAMPOO POWDERS.
- "ASTINE" VANISHING CREAM.
- "ASTINE" SHAVING STICK.
- "ASTINOL" AROMATIC FLUID.

FOLLOW THE TIDE OF SUCCESS.

Watch the Great Free Gift Advertising Campaign that brings the customers to your shop.

For Particulars, Advertising Literature, &c., write to

EDWARDS' HARLENE, Ltd. 20, 22, 24 & 26 LAMB'S CONDUIT ST., LONDON, W.C. 1.



Photo: Rita Martin.

Miss Gina Palerme, the beautiful French actress—a cordial supporter of "Harlene Hair Drill."

ATOMERS & SPRAYS

For Oil or Water. Fully Guaranteed.



DEVILBISS MANUFACTURING CO.

71 Newman St., LONDON, W. 1.

ARRANGEMENTS NOW MADE FOR COMPLETE SUPPLIES.

"LESCOL" FLORAL PERFUMES

NOTICE!

We strongly advise Chemists before purchasing their Christmas lines to send us particulars of their requirements, and complete Price List will be sent, or one of our representatives will call with full set of samples when in their vicinity.

We are holding a large stock at remunerative prices

LESCOL PERFUMERY CO.,

Lomond Grove, Camberwell Green, LONDON, S.E. 5.

Telephone: 810 HOP.

(Proprietors: The London Essence Co.

Telegrams: "VANILLIN, CAMBER, LONDON."



8, Rue Vivienne, Paris.

LONDON AGENTS:

WILCOX, JOZEAU & Co., 49, Haymarket, S.W.



CHAPOTEAUT'S CAPSULES of

PHOSPHOGLYCERATE of LIME

THE BEST TONIC FOR FORTIFYING AND BUILDING UP THE NERVOUS SYSTEM.

Sold by all Chemists, Whelesale: S. Rue Vivienne PARIS.

MORRAUOL CHAPOTEAUT



CAPSULES

MORRHUOL DE CHAPOTEAUT le extraoted from cod-liver oil, and contains all its efficacious properties without the disagreeable tasts.

It cures Coughs, Bronchitis and Caterrh, restores the appetite, and gives force to feeble persons.

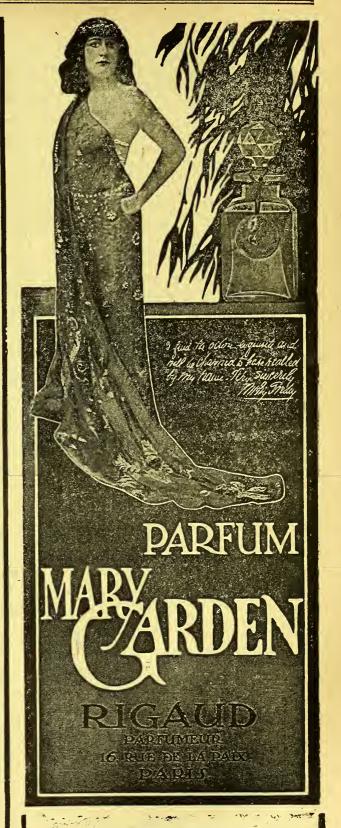
SOLD BY ALL DRUGGISTS

CHANDRON'S DROPS

(Gouttes des Colonies)

A hamless antiseptic preventative against CHOLERA HERMENTATION - INDIGESTION Cother intestinal disturbances.

SOLD BY ALL CHEMISTS



HEPPELL & CO., 164, Piccadilly, W.



and a significant mark, too—100%—sufficient inducement to make this a leading line.

EUCRYL TOOTH PASTE

like its brother, the famous Tooth Powder, is bringing satisfied customers to your shop daily. The public recognise and appreciate a good thing, and Eucryl Tooth Paste is really good. It has come to stay—to add more lustre to the name of Eucryl, and incidentally to give you a handsome profit on an exceedingly saleable line.

If you have not Eucryl Tooth Passe on sale already, correct that oversight without delay by filling in attached coupon.

EUCRYL LTD.

61-63 LANT STREET, Southwark, LONDON, S.E. 1.

COUPON

To EUCRYL LTD., Southwark, S.E. 1.

Please send me 3 doz. 1/Tubes Eucryl Tooth Paste at
8/- doz., with 1 doz. as bonus for
permanent display.

Name

Address ..

C. & D., Nov. 24.



ALLEN'S THY MOL

FINE WHITE CRYSTALS

BRITISH MADE.

ESTABLISHED 1833

STAFFORD ALLEN & SONS

LIMITED,

Manufacturing Chemists,

LONDON & LONG MELFORD

Regd. Offices: 9 COWPER STREET, FINSBURY, E.C. 2.

Telegrams:
" Persic, Finsquare, London."

Telephone: London Wall 6556 (3 lines).





PETROLEUM JELLIES

White, Yellow, Amber and Red.

For Pharmaceutical and General Purposes.

AMERICAN SPIRITS OF TURPENTINE, OLIVE, CASTOR, COLZA OILS, ROSIN, and LUX BLOOMLESS MINERAL OILS.

James Arnott & Sons, Ltd.

Newcastle-on-Tyne and Cardiff.





LOFTHOUSE & SALTMER, Ltd.

Wholesale & Export Drug Merchants,
—— Manufacturing Chemists ——

HULL

NVITE the Trade to take up the following valuable P.A.T.A: Protected Lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

P.A.T.A. Protected Retail Price. Net.

*LOSALL'S SALT (well advertised), tins 9d. 6/6

* " 1/6 13/
* " " bottles in cartons 1/6 13/-

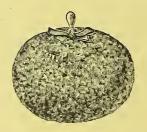
*Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.

Owing to the great increase in the cost of raw material and containers for our Losall's Salt, we are compelled to raise the trade prices, but the retail protected prices are proportionately increased.

LOSALL'S COMPOUND SULPHUR SOAP.

A valuable emollient medicated skin soap, especially suitable for use in Eczema 13/6

Chemists requiring effective advertising matter for Losall's Salt, &c., will, on application direct to Lofthouse & Saltmer, receive a liberal supply of Dummies, Showcards, Window Slips, Price Tickets, &c., Carriage Paid, whether or no they have an account open with the Firm.



FOR

Powder Puffs

OF EVERY KIND.

SOLPORT BROTHERS

LIMITED.

Wholesale and Export Manufacturers of Druggists' Sundries and Toilet Accessories,

184 to 190 GOSWELL ROAD

EVERY CHEMIST

will be asked this Christmas for the famous

ONE DROP

Perfumes

"One Drop" Perfumes are in constant demand on account of their delicate, refreshing, dainty and lasting fragrance. The elegant non-leaking bottle, with handsome glass stopper fitted with rod, enhances the value of these charming perfumes. Numerous varieties, all faithful to the flowers they represent, can be obtained from stock. Their well-deserved popularity is beyond dispute, and hundreds of Chemists have proved the wisdom of keeping a useful stock.

10/- per doz. net. Retails at 1/6 each. Sample sent upon application.

VARIETIES:

Acacia Bergamot Cassie Eau de Cologne Forget-me-not Frangipanne Hawthorn Heliotrope Honeysuckle Tasmin Lilac Lily of the Valley Mignonette Moss Roses Musk Narcissus New Mown Hay Opoponax



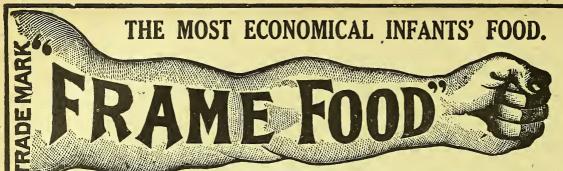
Attractive Snowcards supplied free.

VARIETIES:

Orange Blossom Orris Patchouli Primrose Rose Sweet Pea Tea Rose Vanilla Violet Wallflower White Heliotrope White Lilac White Lily White Orris Wild Hyacinth Wild Roses Wild Violets Wood Violet Ylang Ylang

B.W. HAIR & SON

Manufacturing Chemists & Wholesale Druggists, Druggists Sundriesmen & c., 104, HIGH HOLBORN, LONDON.W.C.I.



ON P.A.T.A. LIST.

SHOWCARDS FREE.

FRAME FOOD CO., Standen Road, Southfields, London.

C. C. HILLER

LIQ. SANTAL FLAV. c. Buchu et cubeba

(Hewlett's)

Price 11/- per lb. Packed for dispensing only, in 10, 22, 40 and 90 cz. bottles.

Experience has shown this preparation to possess the same efficacy as Santal Oil itself. It mixes clear with water, and has a taste by no means disagreeable."

The Practitioner.

VIROPHOS

Of proved utility in Nervous Discass, and a Powerful Restorative for the Digestive Organs and Nervous Systems

A Valuable Tonio Food for Children

"It is of high nutritive value, enhanced by the presence of assimilable phosphates."—The Lancet.

WHOLESALE PRICES:
No. 1. 13 os. Tin ... 9/- per dos.
9. 31 ... 14/8
5. 64 3 ... 24/6. 18 ... 42/-

Introduced and prepared only by

MIST. PEPSINAE CO.

(Hewlett's

Price 11/= per lb. Packed for dispensing only, in 10, 22, 40 and 90 oz bottles.

"Obviously likely to be of much advantage in the frequent cases of irritative dyspepsia, with atony of gastric or intestinal muscular layers."

British Medical Journal.

C. J. HEWLETT & SON, Ld., Wholesale Druggists, 35-42 Charlotte St., LONDON, E.C.2.

BRAND'S ESSENCES SF BEEF, MUTTON and CHICKEN

possess great nutritive and restorative powers, being immediately digested and absorbed by the stomach. Although effective stimulants in physical and mental exhaustion, they contain no wine or other deleterious admixture.

BRAND & Co., Ltd., MAYFAIR WORKS, VAUXHALL, LONDON, S.W.

Do You Sell Sister Lauras Food?



The question is often asked nowadays.
The Chemist who does not stock Sister
Lauras Food is missing a good line.

Sister Lauras Food is achieving great success as a preparation for weakly babes and for invalids and the aged.

It makes milk digestible and is invaluable in cases of malnutrition.

It is a thoroughly reliable line and one that brings a handsome return.

Price 1/- & 2/6 per tin. Samples and advertising matter free on application.

SISTER LAURAS INFANT FOOD CO., Ltd., 156 Vincent Street, G L A S G O W.

Mustard?

Yes! Rigollot's Mustard Leaves for Plasters. The original and only genuine.

of all chemists and stores in 6d. & 1/- Packets and 1/6 Tins.

67 Southwark Bridge, London, S.E.

An Unfounded Rumour — and Our Reply.

SINCE the days when many good people saw "the Russians passing through England," unfounded rumours have been numerous enough. They are not confined to the war; one frequently meets with them in business circles, too.

Thus, our travellers report that they have been asked recently whether it is true that a certain "multiple shop"

firm are shareholders in Genatosan, Ltd.

We therefore beg to state that it is emphatically not true; that no person or persons engaged in the business of retail chemists hold any interests whatever in this firm; furthermore, that the only shareholders are the present and former chairman of the company, the board of directors, and certain members of the staff.

Verification of this statement can, of course, be obtained by consulting the usual records at Somerset House.

About Showcards

In view of the recent appeal made by the Council of the P.A.T.A. we have decided to issue no more strawboard showcards, and to economise as much as possible with those already printed.

For this reason we are not advertising our new showcards for broadcast distribution, but any pharmacist interested in them should ask our travellers for particulars.

We wish, however, to make it clear that our present stocks are sufficient to guarantee an adequate supply of special window-shows throughout the autumn and winter.

GENATOSAN Ltd. (British Purchasers of the Sanatogen Co.)
(Chairman: Lady Mackworth.)

12 CHENIES STREET, LONDON, W.C. 1.

NOTE: Sanatogen will later on be re-named Genatosan—genuine Sanatogen—to distinguish it from inferior substitutes,



THE CHEMICAL FEATURE OF THE WAR

ACETYL-SALICYLIC ACID

The "M. & J." Brand— Our Own Manufacture



With an uniform pearly-white fine crystalline flake—a melting-point of 135°—137° C.—absolute freedom from uncombined acids—100% therapeutic activity, we unhesitatingly affirm that the "M. & J." Acetylsalicylic Acid is the finest "Aspirin" manufactured in Britain. We confidently invite comparison with the original "Bayer" or any other brand.

Extract from The Chemist and Druggist: "Acetyl-salicylic Acid.,—Menley & James, Ltd., are now manufacturing this chemical at their works in Camberwell, which are managed by a competent chemical engineer. The aspirin is of a higher melting-point than is given in the British Pharmacopæia, 133° to 135°, which is now known to be 2° lower than the pure acid and the aspirin made by Bayer. Menley & James's aspirin is from 135° to 137°, and is perfectly destitute of acetic odour—in fact, is a stable chemical, and does not induce the gastric acidity which is much complained about, and which is believed to be due to the presence of homologous acid, from which the Menley product is free."

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"RAPID" SIFTERS & MIXERS

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FOR HAND OR POWER.

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SAVE 3/- PER GALLON

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NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

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Guaranteed to conform
to the provisions of the Food
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Board.

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CaH4 (P.O4)2

A BRITISH PRODUCT
EQUAL TO CREAM TARTAR 98%

Superior from health standpoint.

100 parts neutralise 50 of Soda Bicarb.

From Wholesalers; special prices
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"SANATOGEN" is no longer a registered trade mark, but has been wisely dedicated to the public, and can be used by anyone. No human being or company can acquire a monopoly in it. I manufacture according to Wulfing's expired patent a very fine All-British product fully equal to the original in all respects and more palatable, ready packed to sell at

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Tonic, Restorative, Digestive Wine.

Known throughout the World, and prescribed in all cases of ANÆMIA, DEBILITY, and CONVALESCENCE, to Young Women, Children and the Aged.

DOSE: One Wine-glass after the two principal Meals.

Recommended by—
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DR. MacNAUGHTON JONES, London,
England.

is "For more than thirty years St. Raphaël Wine has been exclusively prescribed, with success, in the Paris hospitals as a pure tonic, by eminent physicians, such as Magendie Rostan Chomel, Velpeau, Requin, Monneret, Trousseau, Grisolle, Laënnec, &c."—Union Medicale, May 8 and June 12, 1873.

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LIQUID GLUCOSE

SO₂ Free.

NO BLUEING USED.

Specially pure for Pharmaceutical Preparations.

MANBRÉ SACCHARINE Co., Ltd.,

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HOOKER'S MALTED MILK

"A complete food." - Lancet.

SELLS ENTIRELY ON MERIT.



There is no Higher Quality or Better Value

BRITISH MADE & BRITISH OWNED

DEMAND RAPIDLY INCREASING.

LARGE PROFITS TO SELLERS.

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We are the sole
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MAGNESIA

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Guarantee Prompt Delivery

of any quantity-both Powder and Tablet Forms.

Continuous advertising has created a demand for Bisurated Magnesia which we are sure you will find it profitable to meet. It is a high-class preparation —well worthy of your recommendation —and we shall appreciate your orders whether received direct or through your wholesaler.

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Annualis minimumaniaminiamini menina

BISURATIED MACRESIA

CAPPING SKINS WHITE BAUDRUCHE GLASS BOTTLES of all descriptions

Arthur Toombs & Co. 110 CANNON STREET, LONDON, E.C. 4.

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"Deflection, Cannon, London."

SPRIN PACKED TABLE

All varieties: i.e.," White Clover." "Heather," &c. SPRING & CO., LTD., BRIGG, Lincs.

(The Largest Collectors and Packers of Honey in Great Britain.)



BROOKS, PEEL & CO., LTD.

Makers of Collapsible Tubes and Filling Machines for same. Patentees o Sprinkler and other Stoppers for Perfumes, Washes, &c. Screw Cars. 24 City Road, Finsbury Square, London, E.C.



WE ARE CONTINUALLY MAKING SPECIALLY ADAPTED

And DRYING PLANT

for Druggists making up their own Tablet and other preparations, for both large and small quantities.

Can Evaporate ANYTHING. THE BRITISH FRUIT EVAPORATOR CO.

ANERLEY, S E. 20.

MILLAR & CO., LTD., DUBLIN

TOWNUM AURANTII B.P.)

Prepared in strict accordance with the Formula of the British Pharmacopæia-London Agent: JAMES STIRTON, 43 GREAT TOWER STREET, E.C.

(Wholesale only

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ECOLTENE The liquid hair remover



ty Deodorunt

The intelligent depilatory. Simple, safe and effective. Pleasant and harmless. In-valuable during the décolleté vogue. Daintily packed.

Ask your wholesaler.

TRADE TERMS.

DECOLTENE. Advertised 3/9 and min. Retail price Trade 30/- per dos. DINKIE. Advertised and 2/6 min. Retail price
Trade 20/- per doz. An attractive line that enjoys good sales. A grease-less Cream, that takes the odour out of perspiration. Daintily packed in opal jars.

Both articles largely advertised. SATISFACTION GUARANTEED OR MONEY BACK.

5% cash with order. Carriage paid on £1 lots. Particulars on request. ROBARTES, LTD., 128 JERMYN STREET, LONDON, S.W. 1 Telephene - Gerrard 3672.

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Showrooms and Offices: 11 FORE STREET, LONDON, E.C.

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STOVAINE

THE LEAST TOXIC OF LOCAL ANÆSTHETICS USED IN THE SAME WAY AND AS EFFICACIOUS AS COCAINE

Does not create a habit and does not give rise to headaches, nausea, vertigo or syncope. :: :: Literature on demand.

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Cheaper than Novocain and Benzocain and obtainable promptly in practically unlimited quantities from the manufacturers:

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BRITISH WAX REFINING

COMPANY, LIMITED.

WHITE BEESWAX YELLOW BEESWAX

Slabs, Bars, Tablets or Discs

GERESINE WAX
Bleached Carnauba Wax
Carnauba Wax Residues

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"PULVERETTE"

Patent Powder Pills.



CONTRAST



BETWEEN

Compressed PILLS

and TABLETS

Moulded PULVERETTES

Ingredients massed to a stift paste, rolled and rounded; when dry as hard as iron.

Result: 235 out of 324 pills administered found in the

B.M.J., 1913.

fæces.

Ingredients mixed, and with the addition of talc and a lubricant subjected to intense pressure.

Result: Disintegration slow and irregular, often impossible; ineffective or cumulative, with consequent irritation and toxic dosage.

Ingredients thoroughly mixed without any addition whatever; enclosed in a soluble, easily friable chocolate shell; uncompressed.

Result: Immediate disinte-gration, regular absorption, certain and complete therapeutic action.

Six Things Worth Remembering:

- I. PULVERETTES are MOULDED, not COMPRESSED; are made in any shape, size or colour.
- 2. Only the finest drugs are to be found so prepared.
- 3. Private formulæ are manufactured in quantities of 2000 or more.
- 4. PULVERETTES succeed in regular action where tablets and pills fail.
- 5. Prices are approximately equal to pills and tablets.
- 6. All medicaments possible to pills are obtainable as PULVERETTES.

Send or Samples and Prices to the Patentees:

OPPENHEIMER, SON & CO., LTD.

QUEEN VICTORIA STREET, LONDON,



First-aid amongst the Heroes

First-aid is an ancient art. It was practised by the heroes of Greece; it is practised by the heroes of Britain.

Our military medical organisation is vast, but the fighting men are often thrown upon their own resources for an emergency dressing.

They are fortunate then if they have

TRADE (TABLOID' BRAND

First-Aid

No. 710 Pocket-Case

Every outfit you sell may prove a "friend indeed" to its owner. So offer it to every soldier, sailor and volunteer;



Measurements: $4 \times 3\frac{1}{8} \times \frac{5}{8}$ in.

Price 30/0 per dozen, subject

also to "specials," boy scouts and civilian customers.

This is well worth trying.

'TABLOID' First-Aid for Air Raid injuries.

There is important business in Outfits for households, offices, business establishments, etc. Are you getting your share?



BURROUGHS WELLCOME & CO., LONDON

ASPIRIN TABLETS

ENGLISH ASPIRIN ONLY.

Each tablet contains 5 grs. B.P. Aspirin, of the well-known make of Pierson, Morrell & Co. Ltd.,

25's, 6/- per doz.; 100's, 20/- per doz.; 1000, 15/-

With own name and address if desired. | A selection of 30 varieties of Labels.

Export Orders.—These must always be accompanied by a Draft payable in London, against documents, to cover cost of goods ordered *plus* an approximate amount for packing, carriage and insurance; any difference can be adjusted afterwards. Small orders are best and quickest sent by Parcels Post in packages of 11 lb. each.

H. & T. KIRBY & CO., LTD., Belton Road, Willesden Green, London, N.W. 2

The Lancet describes it as

> "Mr. Benger's admirable preparation."

FOOD FOR INFANTS



The British Medical Journal says:

"Benger's Food has by its excellence established a reputation of its own."

INVALIDS AME AGED.

BENGER'S FOOD LTD., Otter Works, MANCHESTER, Eng.

Branch Offices at: 117 Pitt St., Sydney, Australia: 90 Beekman St., New York, U.S.A. Canadian Agents: The National Drug and Chemical Co., Ltd., Montreal & Branches.

ON *THE P.A.T.A.

BECAUSE THE PUBLIC KNOW

that without Zepto, a good dentifrice, and a periodical visit to one's dentist, Teeth and Good Health cannot be maintained consistently. They also are aware that ZEPTO

WILL WHITEN A TOOTH IN 30 SECS.

without the slightest possible injury to the enamel. They see it advertised, buy it, try it, find it top-hole, and tell their friends. That's why ZEPTO

has become a necessity.



ZEPTO PENCILS SELL ANYWHERE

CHRISTY'S, Old Swan Lane, 4.

BECAUSE MOST CHEMISTS KNOW

that all the sales they make are easy, profitable, and redound to their credit by reason of the real efficiency of the article they are selling; moreover,

THE NEW "COIN" WINDOW-SHOW

going out with all 6 doz. orders on generous terms, has proved itself a genuine winner and saves talk.

ZEPTO 4/6 per doz.; P.A.T.A., 7½d. ADVERTISED at 9d.

Could you sell a more remunerative line?



A Weekly Journal of Pharmacy and of the Chemical and Drug Trades.

ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official Journal of many Chemists' Societies in Australia, Ireland, New Zealand, South Africa, and the West Indies.

SUBSCRIPTION RATES.

Twelve Shillings and Sixpence a year in advance, post free to any part of the world, including a copy of The Chemist and Druggist Diary next published. Subscriptions may begin any month. Single Copy, 6d.; Summer or Winter Number, rs.; Diary 3s. 6d. Postal orders and cheques to be crossed "Martin's Bank (Limited).".

Prix de l'abonnement annuel : le journal une fois par semaine, et l'agenda une fois par an, 12s. 6d., franco.

Подписная цѣна на еженедѣльный журналь съ приложеніемъ Годового Дезаника—12 шиллинговъ 6 пенсовъ на годъ съ пересылкой.

Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 12 ch. y 6 peniques, franco.

Terms for advertising in THE CHEMIST AND DRUGGIST can be estained on application to the Publisher at the

Head Office: 42 CANNON STREET, LONDON, E.C. 4. Telegrams: "Chemicus. Cannon, London." Telephone 3617 Central (three lines). Branches: ADELAIDE, MELBOURNE, AND SYDNEY, AUST.

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Trade Notes.

A. Brezer & Co., 145 Wool Exchange, London, E.C. 2. specialise in fine chemicals of French origin, some of these being mentioned in the firm's advertisement in this issue.

LONSDALE ELECTRIC TORCHES.—Ward & Goldstone, Salford, Manchester, advise us by telegram, too late for insertion in their advertisement, that the price of Lonsdale electric torches has been advanced from 3s. 4d. to 3s. 9d.

KREMOFOS.—Mr. John Lorimer informs us, too late to countermand the advertisement in this issue, that he has practically sold out his stock of Kremofos advertised in the Coloured Supplement last week. Orders can now only be booked for forward delivery.

MEDICINAL PLANTS.—Mrs. Grieve, F.R.H.S., Chalfont St. Peter, Bucks, has issued a catalogue of plants, shrubs, trees, bulbs, etc., having medicinal or commercial value, that will grow in the British Isles. It is arranged under the botanical names, the popular names and prices of the seeds or plants being appended. It is a comprehensive and interesting list.

HARLEY'S THREE SALTS .- Mr. Thomas Harley, manufac-HARLEY'S THREE SALTS.—NIT. Thomas Harley, manufacturing chemist, Perth, is making a special offer in regard to Harley's Three Salts, particulars of which are given in our advertisement pages. The offer is in connection with an advertising campaign which is being carried out in the United Kingdom. Will our readers please note that the time for the bonus offer has been extended for two weeks—November 26 to December 10, inclusive?

European War News.

Personalia.

PRIVATE A. R. POTTIE, Royal Scots, youngest son of Mr. John Pottie (Boots, Ltd., Edinburgh), has been wounded.

SERGEANT ANTHONY HASTY, East Lancashire Regiment, who as a civilian was a member of the staff at the Hapton Chemical-works, is reported wounded.

PRIVATE JOHN SWEENEY, King's (Liverpool Regiment), who in civil life was on the staff of the United Alkali Co., Ltd., Thornton-le-Fylde, is reported wounded.

PRIVATE JACK DEMPSEY, King's Own (Royal Lancaster Regiment), who enlisted from the staff of the United Alkali Co., Ltd., Thornton le-Fylde, is reported wounded.

SECOND-LIEUTENANT H. W. LEYLAND, who has recently been gazetted to the R.F.C., served his apprenticeship in pharmacy with W. C. Richardson & Co., chemists, Blackpool.

SERGEANT J. LOMAX, R.A.M.C., has been awarded the Military Medal for bravery in the field. Sergeant Lomax served his apprenticeship in pharmacy with Mr. W. I. Scholes, chemist and druggist, Eccles.

SECOND-LIEUTENANT WALTER WILKINSON, who has been gazetted to the West Yorkshire Regiment, was apprenticed with Mr. L. Priestley, Ph.C., Newark. Lieutenant Wilkinson joined the R.A.M.C. in November 1914, and has seen service at Salonika.

BOMBARDIER JOHN W. GIBSON, Royal Field Artillery, is in hospital in France suffering from gas poisoning. He is the second son of Mr. George S. Gibson, chemist and druggist, Upper Church Street, West Hartlepool, and enlisted when only in his seventeenth year.

Miscellaneous.

NICKEL FOR GERMANY.—Seized on its way from New York to Sweden, twenty tons of nickel was condemned by the Prize (London) Court, the President believing that it was intended for Germany.

AMERICAN ANTI-TYPHOID VACCINE.—Since the United States entered the war the Army Medical Laboratory has supplied enough anti-typhoid vaccine to inoculate 1,500,000 men. This vaccine must be used within four months of its manu-

RECRUITING NOTICE.—We are asked again to call attention to the regulations requiring employers of labour to make a return of all male employes from eighteen years of age and on a Form D.R. 17, obtainable at any post-office, to the recruiting officer of the district in which the men work. A duplicate form should be kept by the employer on the premises, and both should be revised monthly if the occasion arises. sion arises.

ENEMY PATENTS.—Applications by Brotherton & Co., Ltd., Leeds, for licences to use patents 13955/04, 7592/05, and 8816/05 belonging to the Badische Anilin & Soda Fabrik, are being heard at the Patent Office on November 23. These refer to dry hyposulphites and reducing agents. The same company is applying for a licence to use 10716/15, dealing with colonier wetters, which is vested in the Public Cuswith colouring-matters, which is vested in the Public Custodian of enemy property.

OIL-SPLITING ORDER.—The Food Controller orders that no person shall on or after November 12 split (otherwise than in the due course of manufacture into soap) any of the oils specified below or any of the acid oils arising from refining any of such oils into its component parts of fatty acid and glycerin, except under and in accordance with the terms of a licence issued by or under the authority of the Food Controller: Coconut oil, cotton oil, gingelly (sesame) seed, ground-nut oil, soya oil, kapokseed oil, nigerseed oil, palm-kernel oil, and rapeseed oil.

palm-kernel oil, and rapeseed oil.

GERMAN HONOURS RENOUNCED.—A "Note on Membership of German Academies and Scientific Societics," which has been circulated among the Fellows of the Royal Society, points out that it seems incongruous that Fellows should continue to announce their membership of German academies, etc., as an honour which they value, and suggests that such mention should be omitted. The signatories are: Dr. W. M. Bayliss, Sir James Dewar, Sir David Ferrier, Dr. J. N. Langley, Sir W. H. Perkin, Sir Ronald Ross, Dr. C. S. Sherrington, and Dr. E. H. Starling.

Anglo American S'ulphur.—The Central News is informed that the famous Trans Inecso sulphur-fields, Texas, aggregating J,296 acres in extent, have been acquired by British capital. The purchasers' engineer estimates that the fields contain 10,000,000 tons of sulphur.

Military Tribunals' Decisions.

Bedford.—Exemption to March 1, 1918, was granted to Ir. G. T. Godolphin, dispenser with Taylor, Brawn & Mr. G. T. Godolphi: Flood, Ltd., chemists.

DEWSBURY.—Conditional exemption was granted to the following pharmacists and their assistants: Messrs. G. L. following pharmacists and their assistants: Messrs. G. L. Etchells, chemist and druggist, Thornhill Lees; G. Heughan, chemist and druggist, Northgate; J. W. Philips, chemist and druggist, Westgate; W. H. Bowley; G. H. Duncan; W. Hemingway; S. Turner. A lengthy argument took place as to whether only qualified chemists were exempt; the words of one of the regulations were quoted, stating that "men lawfully and habitually engaged in the dispensing of medicine" were in a certified occupation, and the Tribunal ultimately accepted this view. The Military Representative suggested that fifty ladies who were receiving laboratory training at Sheffield University would make useful assistants in pharmacies. useful assistants in pharmacies.

Douglas (Isle of Man).—Conditional exemption was granted to Mr. C. H. Clague, chemist and druggist, manager for Mr. J. W. Kermode, chemist and druggist, Port St.

Mary.

DUNDEE.—The appeal of Mr. G. L. Crofts, apprentice to Mr. H. Thomson, chemist and druggist, High Street, Lochee, was dismissed, applicant being granted till January 15. It was stated that the military had previously agreed to allow seventy-eight dispensers for the needs of Dundee, and that at the present time only fifty-seven were left.—On further appeal, the existing exemption was continued till the opinion of the Insurance Commissioners is

Enfield.—The appeal of Mr. J. L. Morrison, chemist and druggist, Ponders End, was adjourned.

EPPING. - Mr. W. Wood, assistant with Mr. E. H. Slater, chemist and druggist, was granted six months' exemption.

FARNHAM.—Three months' exemption was granted to Mr. A. S. Edwards, chemist and druggist, West Street.

HAYWARDS HEATH.—A chemist in business, who stated that he had a conscientious objection to fighting, was asked to suggest to the Tribunal some work of national importance stating that he dispensed for two local hospitals, charging for drugs only, he was granted exemption to May 9, 1918.

HITCHIN.—Three months' exemption was granted to Mr. O. E. J. Radnor, assistant with Perks & Llewellyn, High

KIDDERMINSTER.—Mr. Edgar John Bromage, chemist and druggist, Roden Avenue, was granted six months' conditional exemption.

LITTLEBOROUGH.—The appeal of Mr. J. T. Sladen, clerk of S. Hall & Son, chemists, Church Street, was dismissed, grace being allowed till December 31.

LIVERPOOL.—Retail pharmacists and their assistants, if under thirty-eight years of age, are to undergo medical re-examination for the Military Tribunal unless they have been so examined since May last or rejected. In replying to the notice, recipients are to mention any national service for which they have qualified.

LONDON.—Supporting an appeal by a firm of wholesale druggists for a warehouse foreman recently, a solicitor remarked, "When I tell you that a large quantity of strychnine was sent out in bottles, instead of saccharin, by ono firm, you will see the importance of experience." The appeal was dismissed.

appeal was dismissed.

Poole.—The military appeal was allowed in the case of Mr. T. A. Baker, assistant with Mr. H. Lewis, chemist and druggist, High Street, the existing certificate to be continued till March 31, 1918.

Southwark.—Mr. R. H. Benson, chemist and druggist, was granted six months' exemption. It was mentioned that he is superintendent pharmacist at Guy's Hospital and in charge of its pathological laboratory, and also acts as Assistant-Secretary to the British Pharmaceutical Conference.—The conditional-exemption certificate of a motordriver lately with Wright, Layman & Umney, Ltd., was withdrawn, the driver having left the firm's employ.—The application for exemption of a representative of W. Toogood, Ltd., 77 Southwark Street, S.E., was refused, on the ground that the applicant already held a protectionon the ground that the applicant already held a protection-card under the cheduled trades. Leave was given to lodge an appeal should the card be withdrawn.-A motor driver in the employ of the same firm, engaged in hospital delivery, was granted conditional exemption.—Six months' exemption was substituted for conditional exemption in the case of Mr. H. J. Beale, clerk at Guy's Hospital, whose work includes the preparation of statistics relating to venereal diseases.

Pharmaceutical Society of Ireland.

Council-meeting.

THE monthly meeting of the Council was held on November 13 at 67 Lower Mount Street, Dublin, Mr. James Michie (President) iu the chair.

There were also present: Dr. A. J. Barnes, Dr. M. R. Whitla, Dr. John Smith, Dr. James A. Walsh, Messrs, W. F. Wells, A. Owen Wells, James Tate, W. J. Hardy, Victor E. Hanna, Geo. D. Beggs, R. Blair, G. A. McLean Lee, W. Hanna, D. M. Watson, and Joseph H. Bowden.

The Registrar (Mr. A. T. Ferrall) read a letter from the Dublin and Provincial Retail Drug Association thanking the Council for the use of the Council-chamber and committee-room.

A letter was received from the Irish Privy Council, Dublin Castle, which referred to the report of the Government Visitor, Sir John W. Moore, M.D., to the Preliminary and Pharmaceutical Licence examinations for 1917. The report mentioned "the very high rejections" at the examinations.

Mr. Beggs: The meaning of it is that he suggests letting a candidate through on indifferent answering.

The REGISTRAR: He says there is a lack of proportion in the examinations

Mr. Wells: We have no power to divide our examinations, as he suggests.

The report was referred to the Law Committee. The College of Physicians (Ireland) forwarded a communication regarding the Cocaine Regulations (see C. & D., November 3, p. 34).

CHANGES OF ADDRESS.

The following changes of address were notified:

Messrs. H. P. Crossin, Wellesley Avenue, Belfast; P. J. Fleming, Roscommon; P. Gleeson, Bruff; F. T. Hoey, Highfield Road, Rathgar: P. O'Grady, Rathmines Road; and E. A. E. Ashe, Western Road, Cork.

REPORTS OF COMMITTEES.

Reports were received from the examiners and from the Law Committee and House Committee. Several accounts were ordered for payment.

UNQUALIFIED COMPOUNDERS.

Mr. Blair mentioned that the War Office is employing unqualified compounders. He knew a case in which a draper was employed for dispensing.

Mr. Wells: And in another case they brought in an ex-

EXAMINERS.

Mr. W. Johnston, B.A., was appointed examiner for the Preliminary examination. Mr. George Brown was reappointed examiner for the Registered Druggist examination, and Mr. H. J. Sumner was re-appointed for the Pharmaceutical Assistant examination.

It was decided to advertise for an examiner for the Materia Medica and Botany division of the Pharmaceutical

Licence examination.

ELECTIONS AND NOMINATIONS.

The following new members were elected:

Messrs. Wm. P. Doohan, Main Street, Bangor, co. Down; Wm. Fee, 208 Duncairn Gardens, Belfast; Henry Isaacson, St. Kevin's Road, S.C.R., Dublin; Wm. M. Keys, Falls Road, Belfast; Stanley B. Lester, Patrick Street, Cork; James O'Sullivan, Main Street, Fethard, co. Tipperary.

Mr. Charles E. Doig, Mill Street, Belfast, was elected as an Associate Druggist.

On the motion of Mr. W. F. Wells, seconded by Mr. James Tate, the following were nominated as members of the Society:

Messrs: Geo. C. Hewson, Ph.C., Ballina, co. Mayo; Hugh M. Kelly, Ph.C., Queenstown; James McCaughey, Broughshane, Ballymena, co. Down; Charles R. O'Carroll, Medical Hall, Main Street, Gorty, co. Wexford; James F. O'Hara, Ballinakill, Queen's County; and Eustace H. Webb, Medical Hall, Wexford.

This concluded the public business.

THE UNITED DRUG Co., Boston, U.S.A., has increased its American War Loan subscription to 300,000l., and its President, Mr. L. K. Liggett, has presented a yacht to the U.S. Navy.

THREE "INFALLIELE" CURES for whooping-cough are reported from the Birmingham district: (i.) Pull a hair out of the back of the patient's head, press it between two pieces of bread-and-butter, and give to the prescriber's black dog; (ii.) let the patient inhale the breath of a piebald horse; (iii.) dangle a live frog in the sufferer's throat.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Contracts.

Contracts.

The following contracts were notified during October by the War Office and the Office of Works:

WAR OFFICE.—Flyacatchers.—Extirmo, Ltd.; Finch's Fly Papers, Ltd. Medicines.—Burgoyne, Burbidges & Co., Ltd.; Holt, Thompson & Co., Ltd.; Pickard, Ive & Rankin, Ltd.; Willows, Francis, Butler & Thompson, Ltd. Methylated Spirit.—Bellingham & Co., Ltd.; J. Burrough, Ltd.; Davis Bros., Ltd.; Jones & Co., C. Orme & Co.; A. Vickers, Ltd.; J. & J. Vickers & Co., Ltd. Mineral Jelly.—Vacuum Oil Co., Ltd. Photographic Stores.—Houghton-Butcher Manufacturing Co., Ltd.; Kosmos Photographics, Ltd. Soap.—Price's Patent Candle Co., Ltd.; R. Wheen & Sons, Ltd.; Yalding Manufacturing Co., Ltd.; R. Wheen & Sons, Ltd.; Yalding Manufacturing Co., Ltd. Surgical Materials.—Ancoats Vale Rubber Co.; British Oxygen Co., Ltd.; J. G. Ingram & Sons; B. Lees & Co., Ltd.; Liverpool Lint Co.; S. Maw, Son & Sons, Ltd.; Southall Bros. & Barclay, Ltd.; Vernon & Co., Ltd. Tetanus Antitoxin.—Burroughs Wellcome & Co. Wellcome & Co.

H.M. OFFICE OF WORKS.—Soap.—J. Knight, Ltd.

Birmingham.

Worcester Hospital is to receive 300l. per annum from the local rates.

The Council of the Birmingham Pharmaceutical Association elected officers for the ensuing year on November 20. The recent report of the Birmingham Distress Committee was presented by Mr. F. Barlow, chemist and druggist.

The question has been raised as to whether tea-tablets are included in the regulations made by the Food Controller fixing the maximum retail price for tea.

Mr. W. Partridge, of the apparatus department of Southall Bros. & Barclay, Ltd., gave lantern displays to wounded soldiers in hospitals on November 17 and 18.

A fine water-colour example of the work of the Pre-Raphaelite artist John Brett, A.R.A., entitled "New Genoa," has been presented to the Birmingham Art Gallery by Sir Richard A. Cooper, Bart., M.P.

Liverpool.

Influenza and catarrh remedies are selling well.

"Halaco" brand honey forms a good window-display by Bain & Co., Lime Street.

Mr. John H. Robinson, Exchange Station Pharmacy, has returned much benefited from his visit to London and the South-West.

A suburban pharmacist has for several weeks past been measuring his morning "pint" of milk, with the result that it is found uniformly about two ounces short. His discovery is by no means unique.

Three boys crept into the Adelphi Pharmacy one evening recently as soon as the lights had been lowered and abstracted various small articles, opening a glass case for the purpose. They were heard by the proprietor, Mr. Henry Peet, caught after a chase, and eventually sentenced to the birch. birch.

Manchester.

An advance in the prices of toilet soaps is expected.

Luck in sugar supplies is capricious: some pharmacists are grumbling audibly.

N.H.I. forms (with terms) for the supply of drugs and appliances for 1918 have been received by local panel chemists.

Chemists' windows are assuming a Christmas appearance with perfumery, etc. The greater part of the trade is being done in daylight hours.

Sheffield.

Mr. Thomas Dodd, Ph.C., West Bar, is recuperating at Southport.

Local chemists regret to learn of the death of Dr. C. S. Kilham, who took an active part in early National Health Insurance arrangements.

Mr. Percy Carr, chemist and druggist, Senior Warden of the Wentworth Lodge, No. 1239, is to be installed as Worshipful Master on December 3.

Mr. Leonard Manton, who was apprenticed with Mr. L S. M. Dawson, chemist and druggist, City Road, has joined the Sheffield University O.T.C.

Pharmacists are restricting their retail sales of methylated spirit to a quarter of a pint per customer. There is friction, in consequence, with the small factories that used to be large consumers.

A notice has been issued to pharmacists by the Chief Constable of Sheffield, enclosing a copy of the Cocaine Regulations and drawing attention to the necessity for the

observance of these regulations.

The National Association of Industrial Chemists, founded for the "economic, intellectual, and social advancement" or chemists and metallurgists, announces a general meeting to be held in Sheffield on December 15.

Miscellaneous.

CHEMIST FINED.—Pleading guilty to refusing to billet soldiers, Mr. William Henry Scott, chemist, of Sandy, Beds, was at Biggleswade, on November 21, fined 201.

WINTER CLOSING-HOURS.—Six o'clock closing is spreading

WINTER CLOSING-HOURS.—Six o'clock closing is spreading in Bradford. It is understood that, most of the principal tradesmen have signed a petition in favour of this closing-hour for week evenings other than Friday and Saturday.

INCREASED WAGES.—The Committee of Production has awarded chemical-workers in the West Riding of Yorkshire an increase in wages of 10d. per day or shift. Boys are to receive an increase of 5d. The award does not at present include British Dyes, Ltd., in its scope.

OPIUM FINE.—At West Ham Police Court on November 20, a Chipese firemen paged Ab Choung was fixed 10% for

a Chinese fireman named Ah Choung was fined 10% for taking on board ship 1 lb. of unmanufactured opium for the purpose of taking it out of the United Kingdom. It was remarked in court that its value was ten times as great in China.

SURGICAL REQUISITES EXHIBITION.—Among the features of interest at an exhibition opened at the Grafton Galleries, London, W., on November 20, in aid of the Surgical Requisites Association, Chelsea, S.W., are a demonstration of the Carrel treatment of wounds and a display of waterproof

the Carrel treatment of wounds and a display of waterproof papier-mâché appliances.

WAR SAVINGS MOVEMENT.—At Nottingham, on November 19, a scheme was launched by Boots, Ltd., for pressing the claims and benefits of War Savings Certificates on the firm's employés and customers. It is stated that War Loan Stock to the value of over 200,000l. is held by Boots, Ltd., and their employés, and that the certificates will be sold at each of their depôts without cost to the State. to the State.

ROYAL INSTITUTION.—The Christmas course of illustrated ROYAL INSTITUTION.—The Christmas course of illustrated lectures at the Royal Institution of Great Britain, 21 Albemarle Street, London, W., will be delivered by Professor J. A. Fleming, D.Sc., F.R.S., on "Our Useful Servants: Magnetism and Electricity." The first lecture will be held on December 27 at three o'clock. Tickets (one guinea, children half-a-guinea) may now be obtained at the office of the Lectivities. of the Institution,

PROSPEROUS PENSION FUND.—At the eleventh annual meeting of the Bournville Works Men's Pension Fund, held recently, it was announced that the accumulated funds exceed 260,000l. (after writing down 32,000l. for depreciation of investments), and that the audit shows a sufficient surplus to increase the rate of existing and future pensions by 10 per cent. Cadbury Bros., Ltd., have lately given a further donation of 10,000% for the special relief of war victims who are under pension age.

richins who are under pension age.

THEFT CHARGES.—At Tower Bridge Police Court, London, S.E., on November 21, Mark Ellis, master carman, was sentenced to three months' imprisonment, and Emma Hunt, railway company's checker, was bound over, on a charge of stealing and receiving a case containing twelve bottles of Hall's Wine, the property of Stephen Smith & Co., Ltd., Bow, E. Both prisoners pleaded guilty.—At Chesterfield Police Court, recently, a boy aged nine was sentenced to a birching and placed on probation for six months for stealing a tin of tea-and-sugar boy aged nine was sentenced to a birching and placed on probation for six months for stealing a tin of tea-and-sugar tablets, value 1s. 7d., from the shop of Mr. J. R. D. Barfoot, chemist and druggist, West Bars.—At Manchester City Police Court, recently, Joseph Taylor, carter, was sentenced to two months' imprisonment for stealing, and George Platt to one month's imprisonment for receiving, soda, the property of the East Lancashire Chemical Co., Droylsden. It was stated that 200 two-cwt, bags of this chemical had been stolen within the last two months. stolen within the last two months.

SUGAR IS TO BE OMITTED from a number of pharmaceutical preparations from December 1, and the children are complaining that the decision has quite spoilt their Christmas prospects !- Punch.

"Possibly," writes a correspondent, "after the suggestion to pour fruit saline into the North Sea in order to destroy enemy submarines, we shall be hearing that the use of Zeppsom salts might minimise another peril."

Irish News.

Brevities.

Mr. A. S. McDowell, son of Mr. S. McDowell, Shankhill Road, is opening a drug-store at 24 Albert Bridge Road,

Mr. M. O'Sullivan, Ph.C., Queenstown, has been awarded a Royal Humane Society testimonial for his rescue of a young man from drowning (C. & D., August 18, p. 36).

Mr. W. R. Fee, Ph.C., has opened business at the Central Pharmacy, 208 Duncairn Gardens, Belfast. Mr. Fee was for twenty-three years with Mr. J. B. Robinson, Ph.C., Duncairn Medical Hall.

At Dromore, on November 10, a number of foals entered Mr. Jas. Dale's Medical Hall at the corner of Church Street and Bridge Street. Fortunately, the animals turned round and left the shop without doing any damage.

Second-Lieutenant J. K. Lyons, Royal Welsh Fusiliers, son of Mr. J. Lyons, Clanaboye, Omagh, has been promoted to the rank of lieutenant and temporary captain. Before he entered the Army in 1915 Captain Lyons, who is a pharmaceutical chemist, was retail manager at Butler's Medical Hall, Sackville Street, Dublin.

Mr. Hewson's claim to be the only chemist in Ireland who has passed the three Irish qualifications in pharmacy (C. & D., November 17, p. 36) is challenged by Mr. J. B. Faichney, The Medical Hall, Graigue, co. Kilkenny, with the following record: Registered Druggist, July 1900; Apothecaries' Hall, July 1903; Pharmaceutical Licence, July 1907 July 1907.

Sir Thomas Robinson, J.P., Ph.C., has done a good piece of work in connection with the Dublin Chamber of Com-merce Red Cross Fund. As Controller he has sent to the Fund 2761. 3s. 6d., collected from the following drug-houses

and chemists;

Fund 2761. 3s. 6d., collected from the following drug-houses and chemists;

Hugh Moore and Alexanders, Ltd. (2nd sub.), 26l. 5s.; Boileau and Boyd, Ltd. (2nd sub.), 25l.; Hayes, Conyngham and Robinson, Ltd. (2nd sub.), 25l.; McMaster, Hodgson and Co., Ltd., 28l.; Butler's Medical Hall, 10l. 10s.; Hamilton, Long and Co., Ltd. (2nd sub.), 10l. 10s.; Harvey and Co., Ltd. (2nd sub.), 10l. 10s.; May, Roberts and Co., Ltd., 10l. 10s.; David M. Watson, Ph.C., 10l. 10s.; C. and F. Roberts (May, Roberts and Co., Ltd.), 10l.; George Brown, Ph.C., 6l. 6s.; W. Hopkins Ashmore, M.P.S.I., 5l. 5s.; John Burnett, Ph.C., 5l. 5s.; Fannin and Co., Ltd. (2nd sub.), 5l. 5s.; Graham and Co., Ph.C. (2nd sub.), 5l. 5s.; John Smith, Ph.C., 5l. 5s.; Never and Son, Ph.C. (2nd sub.), 5l. 5s.; Laird and Co., Ltd., 5l. 5s.; James Michie, Ph.C., 5l. 5s.; Robert J. Savage, Ph.C., 5l. 5s.; John Smith, Ph.C., 5l. 5s.; W. F. Wells and Sons, Ph.C., 5l. 5s.; R. A. Austin, Ph.C., 2l. 2s.; John Smith, Ph.C., 5l. 2s.; Suche and Fitzgibbon, Ph.C., 2l. 2s.; H. S. Misstear, Ph.C., 2l. 2s.; Suche and Fitzgibbon, Ph.C., 2l. 2s.; H. S. Misstear, Ph.C., 2l. 2s.; G. G. Williamson, Ph.C., 2l. 2s.; H. S. Misstear, Ph.C., 2l. 2s.; G. G. Williamson, Ph.C., 2l. 2s.; H. S. Mishire, Ph.C., 1l. 1s.; James T. Dwyer, Ph.C., 1l. 1s.; Johnson's Medical Hall, 1l. 1s.; Faweett Maxwell, Ph.C., 1l. 1s.; Johnson's Medical Hall, 1l. 1s.; Faweett Maxwell, Ph.C., 1l. 1s.; Johnson's Medical Hall, 1l. 1s.; Faweett Maxwell, Ph.C., 1l. 1s.; D. J. Nugent, Ph.C., 1l. 1s.; F. J. Parker, Ph.C., 1l. 1s.; J. D. Porter, Ph.C., 1l. 1s.; Jas. J. Clancy, R.D., 1l.; Sirnest Scott, Ph.C., 1l. 1s.; Ryan and Co., 1l. 1s.; Ryan and

Scottish News.

Brevities.

There is an epidemic of skin trouble of a mild type among Fifeshire miners.

Bailic Smart, chemist and druggist, Buckhaven, has been re-elected a magistrate of the Burgh. Bailic Smart also fulfils the duties of a sergeant in the R.A.M.C.

Preliminary tests having proved satisfactory, the Food Production Department has arranged for an extensive experiment in the making of commercial alcohol from damaged or undersized potatoes at a distillery in Scotland.

Edinburgh.

"Black sugar" is retailing at as much as 1s. 4d. per

Out-patients of surgical wards are now asked to bring their bandages with them.

Most chemists have ceased selling acetic acid and spirit of soap. The former is unobtainable at the wholesale houses.

South African News.

(From "C. & D." Correspondents.)

"The Chemist and Druggist" is supplied weekly to member; ... all the Chemists' Societies in South Africa.

THE LATE MR. PETERSEN.—From the list of those present at the funeral of the late Mr. Petersen (C. & D., August 4, p. 36) the following three names were omitted: Dr. Julius Petersen (brother), Dr. August Petersen (brother), and Mr. James Scott (general manager of Petersen, Ltd.)

PRIZE COURT SALE .- Some high prices were realised at a Prize Court sale at Cape Town on October 10, among them being the following: Two 5½-gal. cases castor oil, 4l. 15s. per case; 12 gals. fish oil, 5l. 5s.; case containing 40 oz. powdered opium and 75 grams emetine hydrochloride, 241. 15s.

Business, Changes.—Mr. G. Stuart Jones, wholesale and retail chemist and photographic dealer, Durban, has converted his business into a limited liability company. He is joined as managing director by Mr. D. S. B. Anderson, who has disposed of two suburban pharmacies. The other directors are Messrs. J. H. Nicolson, J.P., V. E. Hooper, and W. Pearce.—Mr. Aitken, late of Long Street, Cape Town, is opening a pharmacy on his own account at Beaufort West fort West.

Australian Chemists Entertained.—The Natal Pharma-AUSTRALIAN CHEMISTS ENTERTAINED.—The Natal Pharmaceutical Society gave a very successful smoking-concert in the Royal Hotel, Durban, on October 3, in honour of a number of Australian chemists of the Army Medical Corpspassing through Durban on their way to one of the battle fronts. Nearly a hundred persons were present. In addition to the military guests, Mr. J. W. Hull (Parke, Davis & Co.) and Mr. Morrell (Frederick Stearns & Co.) were present, and an excellent programme was provided. Mr. Ernest Tyson, President of the Society, welcomed the guests. Mr. E. B. Dunkerton added to the President's welcome, and expressed the hope that after the war there would be and expressed the hope that after the war there would be reciprocity of chemists' qualifications throughout the British Empire. On behalf of the guests, Staff-Sergeant Hughes thanked the Pharmaceutical Society for their hospitality.

German News.

CMEMICAL-FACTORY EXPLOSION.—A Frankfort telegram states that the large chemical factory of Grieshcian Elektron, near Frankfort, was destroyed as a result of an explosion on November 20.

LINSEED-OIL SUBSTITUTES .- The War Committee for the Supply of Vegetable and Animal Oils is investigating the. question of a substitute, made from raw material of German origin, for linseed oil. A large number of specimens were submitted, but nothing satisfactory being found the prizes were not awarded.

SILESIAN OPTUM.—The "Vossische Zeitung" (October 5) reports that North and South Germany have long been known to be suitable for poppy-cultivation and the production of polium rich in morphine. Weather conditions, however, have often been adverse, and experiments have not been profitable. Professor Thoms, of Berlin, has now made been profitable. Professor Thoms, of Berlin, has now made use of a large estate in Silesia, and has renewed experiments, with good results. He has succeeded in obtaining from poppies opium containing no less than 22 per cent. of morphine, and greatly superior to the Turkish and Bulgarian opium in morphine-content. The professor thinks the production may become profitable even under an increased scale of wages, and be a source of income for war-invalids.

THE DAWN OF INTELLIGENCE.—That the Germans awakening to the serious position they will be in when peace is declared is shown by the following quotation: "The period of transition will probably be protracted, and during it we shall have to be as thrifty as any poor devil whose empty stomach makes him acquisitive. The products of all the world will not longer be at our disposal as plentifully as before, because we shall have great difficulty in transporting them in the first instance, and still greater difficulties in paying for them, to say nothing of the possibility of the ways and a say of the description. unicuties in paying for them, to say nothing of the possibility of the war ending in such a way as to deprive us altogether of raw material and foodstuffs from certain countries. Thus for years to come we shall have to resign ourselves to making the most of what the soil of Germany produces and what German energy and enterprise can create at home and in German colonies." This statement is made by Dr. August Müller a Germanot University and the product of the possibility of the possib made by Dr. August Müller, a Government Under-Secretary.

Legal Reports.

The Phosferine Trade-mark.—Mr. Justice Astbury had before him in the Chancery Division on November 15 a motion for injunction in the matter of Ashton & Parsons, Ltd., against Wm. Darbyshire and his wife Emily, 64 South-coates Lane, Hull. Mr. Sebastian, counsel for plaintiffs, stated that he was ready to take a consent order. The plaintiffs applied their trade-mark "Phosferine" to a tonic made from a secret recipe. The motion was for an injunction to restrain the defendants from passing off a remedy as their own and using the plaintiffs' trade-mark. The order the plaintiffs proposed to take was to treat the motion as trial of the action, and take a perpetual injunction in the terms of the writ. The defendants were people in a humble position, and were very likely misled. The plaintiffs agreed not to ask for costs. Mr. Justice Astbury made the order as asked for.

Conveyance of Resia.—Before his Honour Judge Atherley Jones, K.C., at the City of London Court on November 16, Sidney Bew, lighterman, Lower Shadwell, brought an action against H. Langley Smith, trading as Langley Smith & Co., 14/20 St. Mary Axe, London, E.C., to recover 151. 11s. 1d., balance of account for lighterage and demurrage. There was a counterclaim for 101. 18s. 7d., the value of two barrels of resin short landed ex s.s. Irene, and defendant paid 51. 2s. 6d. into court. Plaintiff said he had never received the two barrels of resin which were short when tho goods were removed by lighter from the ship. The claim for the resin should have been made on the ship. Plaintiff put in the clause regarding liability which he prints on his letter-headings and contracts. Evidence was given that one barrel of resin fell overboard and went to the bottom of the dock. His Honour said with regard to protective clauses in shipping matters the trend of the cases was to find if possible in favour of the shipper and not the shipowner. The case was one of considerable difficulty. He was not satisfied that the protective clause relied upon by the plaintiff was brought to the knowledge of the defendant so as to bind him in respect of that transaction. He gave judgment for the defendant on the claim and counterclaim, beyond the money paid into court, and costs. He gave leave to appeal.

Antline-dye Venture. — In the City of London Court on November 19, before His Honour Judge Atherley-Jones, K.C., the case of Smallman v. Katz and Others was heard, in which Mr. Raleigh S. Smallman, solicitor, 3 Queen Street, Cheapside, sued Mr. A. E. Katz, 77 Gresham Street, E.C.; Mr. George W. Cobbe, Seven Kings; Mr. E. J. Fisk, 20 New Street, Dorset Square; and Mr. A. A. Byrd, 10 Cannon Street, E.C., for 90l. 9s. 10d. for professional services rendered to them. Mr. Tebbs, for the plaintiff, said the action was issued against the four defendants on August 17. Judgment had been signed against Cobbe and Byrd, and Fisk was not served with the Court's process. Katz's defence was that no signed bill had been delivered to him, and that an arrangement was made by which he was not to be liable for any costs, but that they should be paid by the others. Katz was the inventor of a process in connection with the recovery of aniline dyes, and in 1914 he entered into a partnership with Fisk and Cobbe to work it. Efforts were also made to dispose of the patent. The syndicate which was formed could not work together. After hearing evidence, Judge Atherley-Jones, K.C., said he must find for the plaintiff for the amount claimed, with costs. He did not think any agreement was entered into by which the defendant Katz should be absolved from his liability.

Frauds on Wholesalers.—At the Central Criminal Court on November 20, Maurice Balk (17), errand-boy, pleaded guilty, before Judge Rentoul, to charges of obtaining chemists' sundries and photographic and pharmaceutical goods by means of forged orders from Burroughs Wellcome & Co., manufacturing chemists, Snow Hill Buildings, and W. Edwards & Sons, Queen Victoria Street. Richard Wilson (54), chemist, Stroud Green Road, and Hv. Peter Kovski (39), fancy-goods dealer, Street Road, Finsbury Park, were indicted for unlawfully receiving a portion of the goods. Wilson and Kovski each pleaded 'Not Guilty' (see C. & D., October 6, p. 37). The defendants Wilson and Kovski both gave evidence on their own behalf, the defence raised being an absolute denial to the allegations that they purchased the goods with any guilty knowledge. They said that they had been deceived and imposed upon by the lad Balk in these transactions. It was admitted that both the accused bore the highest possible characters, Wilson having been in business as a chemist for thirty years. The jury, in the result, found

both Wilson and Kovski guilty, with a strong recommendation to mercy. Judge Rentoul, having regard to all the facts and the recommendation of the jury, bound Wilson over in a recognisance of 50l., and Kovski and the youth Balk in the sum of 10l., to come up for sentence if called upon, on the understanding that Balk joined the Navy. He further ordered Wilson and Kovski each to pay 25l. towards the costs of the respective prosecutors.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

Kenrosa, Ltd. (P.C.).—Capital 2,0001. Objects: To take over the business of manufacturers of, dealers in, and agents for hairdressers', chemists', and cutlers' sundries, manufacturers of and dealers in toilet preparations, etc., carried on by E. W. Keen and C. Rose, as "Kenrosa," at 13 Bridle Lane, Golden Square, W. 1.

Leongraph Hopping & Sova Ltd. (P.C.). Chairle 50,000

LEONARD HORNER & SONS, LTD. (P.C.).—Capital 50,000%. Objects: To carry on business as wholesale druggists, drysalters, tea, coffee, and spice merchants, metal merchants and brokers, hardware merchants, soft goods merchants, importers and exporters of and agents for produce, goods, wares, and merchandise, ctc. The first directors are L. Horner, L. A. Horner, and Margery C. Horner. R.O., 14 Tower Hill, London, E.C.

CASTNER-KELLNER ALKALI Co., LTD.—The directors have declared a dividend of 11 per cent. for the six months ended September 30, 1917, making 20 per cent. for the year.

Association of Manufacturing Chemists, Ltd.—The third annual report, which has just been issued, states that there are now 198 subscribers, which is an increase of 41 during the year. This is regarded as very satisfactory in view of the present state of affairs, and the Association now claims to have the majority of the largest wholesale manufacturing chemists and allied traders as subscribers. The debt-recovery department has quite maintained its record of usefulness, and has exceeded the figures of previous years. The number of applications was 4,194, representing 17,3531. Of this amount, 8,3561, was collected without having recourse to legal proceedings, which represents over 49 per cent, of the total applied for. The inquiry department has advanced very rapidly, the number of, reports issued during the year being 6,940, an increase of over 1,200 (21 per cent.) upon the preceding year.

Bankruptcy Report.

Chemist and Druggist.—An application for an order of discharge was made on November 21 to Mr. Registrar Hope at the London Bankruptcy Court, on behalf of this bankrupt, who failed in November 1914. Mr. E. Leadam Hough, senior Official Receiver, reported that the liabilities amounted to 1,297l. 19s. 7d., the assets had realised 93l. 15s. 7d., and a dividend of 11\frac{3}{2}d. in the \(\frac{2}{2}\) had been paid. The bankrupt, in 1901, purchased for 600l. (all borrowed from a relative, and of which 550l. had not been repaid) a chemist's business at Burnham Market, Norfolk, which he carried on till June 1909, and then sold for 530l. For a few months in 1906 he and a partner had carried on a similar business at Heacham, Norfolk, in connection with which he lost about 50l. In July 1909, at which date he was insolvent to the extent of about 300l., he purchased for 250l. a stationery and fancy goods business in the Strand, Bude, and having added thereto (at a cost of about 150l. for fittings, etc.) a chemist's business, he traded there until February 1, 1914, when he sold the whole concern for nearly 700l., and distributed the money amongst the creditors. He also acquired for 370l. a motor char-a-banc, which plied for hire in Bude and district, and he further took a house and land at "Burshill," Poughill, with the object of letting apartments and keeping cattle. Those ventures were unsuccessful, and in July 1914 he abandoned them and took a situation in London as a chemist's assistant, which he held at the date of the failure. The insolvency was primarily attributed to lack of capital and the bankrupt's consequent inability to obtain sufficient stock for the requirements of the chemist's business, to loss on the trading, and to other causes. As offences the Official Receiver reported (1) insufficiency of assets to equal 10s. in the \(\frac{2}{2}\) on the amount of the unsecured liabilities; (2) omission to keep proper books of account; and (3) trading with knowledge of insolvency. The discharge was suspended for a

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres. ENGLAND.

perby.—At the instance of Mr. W. Elmitt (chemists' representative), the Derby Borough Insurance Committee, on November 21, passed a resolution expressing the opinion that the Medical Benefit regulations should be so altered as to provide that the decision as to whether the medical practitioner should supply medicines to insured persons in rural areas should rest not with the practitioner himself, but with the Insurance Committee. Friendly Society members opposed on the ground that the insured person should determine whom to secure his medicine from, but the resodetermine whom to secure his medicine from, but the resolution was carried by a substantial majority. The Committee was informed that as the result of representations to the military authorities concerning the depleted condition of the panel of chemists, the exemption of one chemist had been continued, and two qualified assistants had been further exempted on condition that they joined the Volunteers.

Derbyshire. -At a meeting of the Insurance Committee on November 19, it was reported that arrangements had been made with the panel chemists for their services during the ensuing year in accordance with the terms of the new agreement. These provide for a slight increase in the dispensing-fee and an alteration in reference to the supply of poison-bottles. The Committee was also notified that the greater number of the doctors recently surcharged for excessions are supply to the dispension of the doctors recently surcharged for excessions are supply to the dispension of the doctors.

sive prescribing had given notice of appeal.

London Co.—At the meeting of the Insurance Committee on November 22, the report of the Finance Sub-Committee recommended payment to chemists of 23*l*. 12s. 4*d*. on account of 1915 and 6,340*l*. 15s. 7*d*. for 1917. The Medical Service Subof 1915 and 6,540l. 15s. 7d. for 1917. The Medical Service Sub-Committee reported on a number of complaints against panel practitioners, the majority of which were unsubstantiated; but the report recommended that one doctor be severely censured for allowing an unqualified man to prescribe for his insured patients, and called attention in another case to the improper use of Form Med. 40 for certifying the illness of a private patient.

Preston. -At a meeting of the Insurance Committee on November 14, a resolution was adopted urging the appointment of a Ministry of Health as a separate Government Department to co-ordinate and develop the existing health

service of the nation.

service of the nation.

Sheffield.—The Pharmaceutical Committee met at the Insurance Offices on November 17, Mr. Culverhouse presiding. The checking report showed a marked improvement on the three months preceding. The dispensing terms for 1918 were discussed, and are to be recommended for acceptance by panel chemists. The methylated-liniment question will be settled by the adoption of the proposal that methylated preparations shall be dispensed except where marked "B.P.," which is the reverse of the present local arrangement. It was resolved to send to each panel chemist a copy of the B.P.C. Addendum (War Emergency Formulary), which is being considered by the Panel Committee with a view of its acceptance as a whole. It was further decided to ask the L.A.E. to have it clearly defined that a dispensing-fee is payable for each article supplied as an appliance.

Warwickshire. - At a meeting of the Warwickshire Pharmaceutical Committee at Leamington on November 7. Mr. Hutton presiding, the Clerk reported the setting-up Mr. Hutton presiding, the Clerk reported the setting-up of an Inquiries section of the Central Checking Bureau. Mr. Nundy gave a résumé of the district meeting at Birmingham, and the result of the delcgates' meeting in London was reported by the Clerk. The Advisory Committee reported four applications for review of certificates of exemption, but they had been unable to spare any of the men in question, and the certificates have been renewed. The work of the Pricing Bureau had improved lately, January being the only month to which exception could be taken. No agreement has yet been come to as regards the claims for under-pricing in 1916. Mcthylated liniments were to be used in the Insurance dispensing, dating from January 1, 1918.

WALES.

Cardiganshire.—At the quarterly meeting of the Insurance Committee, a communication was read from the Commissioners regarding Article 9 of the regulations as to the supply of drugs, and directing attention to the suggested aid which the Pricing Bureau could give to the Panel Committee. The Clerk said the Panel Committee had met and considered the scheme of the Pricing Bureau, deciding not to enter into it. There had been no surdeciding not to enter into it. charging for drugs during 1916.

Monmouthshire.—At the meeting of the Insurance Committee at Newport on November 15, it was suggested that the drugs for invalided soldiers and sailors should be supplied at a flat rate, based on the country's average per prescription for the preceding year. Payment to doctors in respect of such medicines is to be at the flat rate of 5.82d. per prescription. It was reported that the prescribing for the county has been reasonable and within the limits. The scheme of the pricing establishment for assisting in the work of investigating prescriptions is to be considered, as is the of investigating prescriptions is to be considered, as is the adoption of stock mixtures The Committee approved the Pharmaceutical Committee's estimate for the year, comprising clerical assistance, 15*l*.; checking accounts, 30*l*.; rent and office expenses, 5*l*.; printing, stationery, and postages, 5l.

SCOTLAND.

Glasgow.—At a meeting of the Burgh Insurance Committee last week, Colonel R. D. McEwan, who lately retired mittee last week, Colonel R. D. McEwan, who lately retired from the chairmanship of the Committee, was presented with several valuable gifts in recognition of his great services as Chairman of the Committee from its inception. Mr. John Grieve, the present Chairman, in making the presentation, expressed the high appreciation with which Colonel McEwan's services had been regarded by the Committee, and the regret which they all felt at his resignation, though they recognised that his strenuous work as Chief Military Representative had made it practically impossible for him to continue both offices. Colonel McEwan feelingly replied, thanking the Committee for their loyal support, and expressing great regret at the necessary screenace of hisexpressing great regret at the necessary severance of his-connection with them. One of the gifts was a handsome silver tea-kettle, which bore the inscription, "Presented to Colonel McEwan, V.D., D.L., by members of the Glasgow Burgh Insurance Committee." Colonel McEwan has on many occasions displayed a sympathetic interest in Scottish-pharmacy, particularly in connection with N.H.I. work, and his resignation is regretted by Scottish, and especially by Glasgow, pharmacists.

Kirkcaldy .- At the last meeting of the Burgh Insurance Committee, a statement was prepared regarding the excessive drug accounts for 1916, and was forwarded to the Commissioners.

November Drug-prices.

The November Appendix to the Drug Tariff contains twenty-eight increases and eight decreases in prices. Panel chemists are notified that whisky and brandy are not considered "proper and sufficient drugs," and should not be prescribed or dispensed, as they will be disallowed. Many more, and probably all drugs and appliances on the Tariff, will be starred for monthly revision. Requests have been received from various areas for increased dispensing fees or a war bonus to meet increased cost of living, material, etc. This matter has been brought to the notice of the Commissioners. We subjoin a list of the altered prices for drugs. No change has been made in the cost of appliances. The November Appendix to the Drug Tariff contains

	0	z.	lr.	oz.	dr.
	8.	d. s.	d	Liq. opii sed., s. d.	s. d.
Acid. benz	2	81 0	5	B.P.C 1 5	0 21
Ammon. brom		8 0	14	OI. menth. pip 2' 0	0 3½ 1 3
Balsam peru			5~	Opium pulv 8 8	1 3
Bismuth salicyl	2	13 0	4	Phenacetin 8 5	1 2
Caffeinæ cit			8	Phenazon 7 0	1 0
Caffeina			111	Phenolphthalein 10 6	1 6
Calcii lact		61 0	3	Pot. bicarb 0 31	0 01 0 3
Chloral hyd:	1.	4 0	21	Pot. permang 1. 9	0 3
Cocain. hydrochlor.		10	31	Pot. tart. acid 0 4	$\begin{smallmatrix}0&1\\0&2\end{smallmatrix}$
Ext. ergot. (ergotin			5	Pulv. ipecac. co. 1 2	0 2
", opii sic	19	11분 2	101	Quin. hydrochlor. 7 0	1 0
" opii liq	0 :	10 0	15	Sod. benz 2 81	0 5
Glyc. helladon	0 :	$11\frac{1}{2}$ 0		Tab. phenacet.,	
Homatrop, hydrob.		2s. 3d. 8	gr.		ls. doz
Hydr. ammon	1	11 0	2	Tab. phen. co rate of	1s. doz
Lin. opii	0	$9\frac{1}{2}$ 0	11.		
, pot. iod. c.				Tinct. opii 0 11	0 2
sapo	0	4 0	1	" opii ammon. 0 8	0 1弘

Charges against a Doctor.—The National Health Insurance Commission (England) as a result of the report of an inquiry held at Coventry on September 7 with regard to Dr. Charles Hodge Cairns, M.B.C.M., St. Paul's Road, Foleshill, Coventry, are satisfied that his continuance on the medical lists of the Coventry and Warwickshire Insurance Committees would be prejudicial to the efficiency of the medical service of the insured. They have accordingly, in pursuance of the provisions of Section 15 (2) (b) of the National Insurance Act, 1911, and of the Regulations made thereunder, decided to remove the doctor from the medical lists of those Committees. lists of those Committees.

Births.

CHATFIELD.—At 23 Parsons Street, Banbury, on November 16, the wife of W. Leonard Chatfield, chemist and druggist, of a daughter.

GREMMER.—At 188 Western Road, Sheffield, on November 18, the wife of Alfred Thomas Grammer (Medical Supply Association), of a daughter.

Marriage.

CAESAR—YOUNG.—At 4 Lloyd Street, Dennistoun, on October 30, by the Rev. Thos, W. MacAndrew, Tollcross Parish Church, Henry Wilkin Cæsar, chemist and druggist, Glasgow, to Mary, third daughter of the late Mr. George Young, Cincinnati, and of Mrs. Young, Los Angeles, California, ILSA

Deaths.

Anderson.—At Dundee Royal Infirmary, on November 18, Jessie Ramsay, late nursing sister, Government Hospital, Pretoria, youngest daughter of the late Mr. D. M. Anderson, and the state of the late of t son, chemist, Kirriemuir.

CASPARI.—At Baltimore, U.S.A., on October 13, Professor Charles Caspari, jun., Ph.G., Ph.D., Dean of the Depart-



PROFESSOR CHARLES CASPARI.

ment of Pharmacy, University of Mary-land, Food and Drug Commissioner of the State of Maryland, and formerly for twenty years General Secretary of the American Pharmaceutical Association, aged sixty-seven. He was born in Baltimore, where his father was in business as a pharma-cist, and he was apprenticed to Louis apprenticed to Louis
Hohme, subsequently
taking charge of his
father's business and
adding another pharmacy to it. Professor
Caspari afterwards
abandoned the retail trade and became connected with the Mary-land College of Phar-

PROFESSOR CHARLES CASPARI. land College of Pharmacy, with which he cemained until the College became the Department of Pharmacy of the University. Caspari's "Treatise on Pharmacy," the third edition of which appeared in 1996, is a well-known work on this side of the Atlantic, and, in addition, Professor Caspari was one of the editors of the U.S. Dispensatory and a member of the Revision Committee of the United States Pharmacopeia. One of his sons is Professor of Chemistry at the St. Louis One of his sons is Professor of Chemistry at the St. Louis College of Pharmacy.

College of Pharmacy.

CROSS.—Mr. J. W. Cross, whose death was announced last week (p. 39), was apprenticed at the Leicester Royal Infirmacy Dispensary under the late Mr. Richard Esam, chemist and druggist, and he qualified as a chemist in 1902. He was subsequently appointed dispenser at the Royal Surrey County Hospital, Guildford, and eventually succeeded Mr. Esam at Leicester. Death took place from acute pneumococcic meningitis.

acute pneumococcic meningitis.

FORSHAW.—At Hanover Square. Bradford, recently, Mr. Charles F. Forshaw, dentist, aged fifty-four. Mr. Forshaw was the son of the late Mr. T. Garratt Forshaw, chemist and druggist, who carried on business in Bradford for many years. He was registered in 1885 as having been in practice on July 22, 1878, and was for some time associated with his father in pharmacy. Later on he obtained an American dental degree. In 1910 he retired from dental practice and devoted himself to literary hobbies, and was elected President of the Yorkshire Literary Society.

HEAD.—On November 13. Lillian Maria, the beloved wife

Head.—On November 13, Lillian Maria, the beloved wife of Samuel Head, Ph.C., 13 High Street, Colchester, aged

LLOYD.—At 95 Clarendon Park Road, Leicester, on November 18, Mr. Thomas Howard Lloyd, chemist and druggist, senior director of Howard Lloyd & Co., Ltd.,

manufacturing chemists. Mr. Lloyd, who retired from active participation in the management of the company about two years ago, passed away after a long illness, borne with the greatest fortitude and patience.

McDerment.—At 36 Whitletts Road, Ayr, on November 7, Mr. James McDerment, chemist and druggist, aged

TURNBULL.—At Sunderland, recently, after a long illness, Alderman E. J. Turnbull, wholesalo chemist, aged seventy-six. Mr. Turnbull built up an extensive shipping connection at the South Docks on Wearside, subsequently removing to the Tavistock Works.

Died on Service.

ALBRIGHT.—Major M. C. Albright is reported dead of wounds received on service. Major Albright was the son of Mr. G. S. Albright (Albright & Wilson, Ltd., manufacturing chemists, Oldbury).

Barlow,—Lieutenant Percy Barlow, only son of Mr. Frank Barlow (representing John Quilliam & Co., Ltd., wholesale druggists, Manchester), was killed in action in France on November 15.

Hambleton.—Privato Louis Hambleton, King's Own (Royal Lancaster Regiment), has been killed in action. Prior to enlistment he was with the United Alkali Co., Ltd., Thornton-le-Fylde.

ORANGE.—Private F. A. J. Orange, son of Mr. F. C. Orange (representing Fassett & Johnson, Ltd.), was killed in action in Palestine on November 6.

Sheldon (F. Sheldon & Sons, wholczale druggists, Sheffield and Baslow), was killed in action on November 5.

THOMSON.—Second-Lieutenant Ernest Anderson Thomson, Black Watch (Royal Highlanders), has been killed on service. Prior to the war Lieutenant Thomson was a dis-

service. Prior to the war Lieutenant Thomson was a dispenser at the Royal Infirmary, Edinburgh.

Turtlebury.—Pionecr W. H. Turtlebury, R.E., died of wounds in France on November 10, aged twenty-three. His apprenticeship in pharmacy was served with his uncle, Mr. P. Perkins, chemist and druggist, Hadleigh, Rayleigh, and he was subsequently for two years with Mr. S. F. Body, chemist and druggist, Southend-on-Sea.

Personalities.

MAJOR W. B. ROBINSON (Robinson & Sons, Ltd.) has been

re-clected Deputy-Mayor of Chesterfield.

Mr. G. Claridge Druce, M.A., Ph.C., has been appointed to the judicial authority for the City of Oxford under the

to the judicial authority for the City of Oxford under the Lunacy Acts.

MR. Henry A. Riles, town representative of Francis Newbery & Sons, Ltd., has removed to 48 Queen's Road, Richmond Hill, Surrey.

MR. R. C. WALSHAW, chemist and druggist, Market Place, Huddersfield, has been re-elected President of the Huddersfield Chamber of Trade.

COUNCILIOR W. F. WHARMBY, chemist and druggist (J. J. Wharmby & Sons, wholesale chemists, Mansfield), has been elected Mayor of the borough. He is the third chemist thus honoured. honoured.

THE MARRIAGE is to take place at the Chapel Royal, Savoy, on December 13, of Mr. W. P. Evans, chairman of the directors of Evans Sons Lescher & Webb, Ltd., London and Liverpool, to Inga, younger daughter of Mr. and Mrs. Arthur Rhodes, of Camden House, Weybridge.

As stated in the C. & D., September 29, p. 40, a bed has been endowed at Leicester Royal Infirmary in memory of the late Mr. John Platts, who was for many years a representative of Southall Bros. & Barclay, Ltd., Birmingham. The dedication ceremony in connection with this bed took place at the Infirmary on November 14. A letter was read place at the infirmary on November 14. A letter was read from Sir Thomas Barclay, J.P., regretting his inability to be present, and stating that in his opinion no more fitting memorial could be devised than the one they were dedicating. The Chairman of the House Committee unveiled the memorial tablet. The Rev. Canon Blakeney, Vicar of Melton Mowbray, undertook the dedicatory service, and subsequently paid personal tribute to Mr Platts's life and example.

MR. WILLIAM AUBREY MEDHURST, chemist and druggist, Chobham, who died September 23, left estate valued at 8,929l. 2s. 6d. gross, with net personalty 6,447l. 13s. 3d. Mr. Joseph Sykes Archer, chemist and druggist, Guiseley, who died on September 5, aged seventy-eight years, left estate of the gross value of 12,048l. 7s., of which 5,685l. 3s. is net personalty.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," October 21, 1917.)

"MEDICATED GUM MO-JO BRAND"; for medicated gum (3). By
F. W Smith, 67 Victoria Street, Liveppool. 378,650.

"LITHIUM ACETYL SALICILATE LITMOFYRINE BRAND"; for medicinal chemicals (3). By A. Bishop, Ltd., 48 Spelman Street, E. 1.

chemicals (3). By A. Bishop, Ltd., 48 Spelman Street, E. 1. 379,248.

"Foor Ease Tablets, Cum-Cum Brand," and "Medicated Squp, Blossomena Brand"; for all goods (5). By V. R. Wilks, 5 Clarendon Road, West Hartlepool. 379,454/455.

"Extract of Cascara Sigrada Cascalax Brand"; for medicinal chemicals (3). By United Chemists Association, Ltd., London Road, Cheltenham. 379,472.

"Saistell"; for oils, glycerin, etc. (4), and for polishes, efc. (50). By A. H. Hamilton & Co., 160 Bardowie Street, Possilpark, Glasgow. 378,423. (Associated.)

"Cupranil"; for dyes (4). By Society of Chemical Industry in Basle, 141-227 Klybeckstrasse, Basle. 378,975. (Associated.)

"Sunkist"; for chewing-gum (42). By F. Wigley, 82 Macauley Road, Kensington. Melbourne. 377,656.

"Britsac"; for saccharin made in Great Britain (42). By The British Saccharin Manufacturing Co., Ltd., Union & Smith's Bank Chambers, Silver Street, Hull. 378,758.

"Saktose"; for food-substances (42). By T. Kerfoot & Co., Oldham Road, Barnsley. 379,627.

"Delectore"; for food-substances (42). By The Watford Manufacturing Co., Ltd., Watford. 379,787.

"Reward"; for goods (47), and for perfumery, etc. (48). By E. Cook & Co., Ltd., Bow, E. 3. 379,607/8

"Skinnie Lizzie"; for all goods (47), By H. Russell, 24 Grey Rock Street, Liverpool. 379,738.

(From "The Trade-marks Journal," October 31, 1917.)

"Skinnie Lizzie"; for all goods (47), By H. Russell, 24 Grey Rock Street, Liverpool. 379,738.

(From "The Trade-marks Journal," October 31, 1917.)

Device of sheep branded "C.B." crossing bridge and signature "CHARLES BRIDGE" (device of a sheep disclaimed); for chemicals (2). By C. Bridge, Crookhill Farm, Ashopton, via Sheffield. 379,743.

"Trenchine," for liquid vermin-destroyers (2); "Morning Salt Jointus Brand," for a medicine (3). By J. Gambles, Hippodrome Chambers. Goldsmith Street, Nottingham. 379,323, 378,911. (Associated.)

"Ointment Valenda Brand," for medicinal chemicals (3); "Under the Greenwood Tree," for perfumery, etc. (48). By C. Thomas & Bros., Ltd., Bristol. 376,648, 379,868.

"Ointment 'Coagle Brand,"; for medicinal chemicals (3). By L. Smith, Malt House, Wellesbourne, Warwick. 379,343.

"Corn Remedy Frostal Brand,"; for medicinal chemicals (3). By The Edward Wesley Co., Corner of College and Sixth Streets, Cincinnati, U.S.A. 379,456.

"Ointment Tubersol Brand,"; for medicinal chemicals (3). By Curtis & Co., 48 Baker Street, W. 1. 379,598.

"Sweetola"; for honey of sugar (42). By L. Cohen, 61 Hanging Ditch, Manchester. 379,764.

"Tonia" in facsimile handwriting; for aërated waters (44). By C. G. B. Ellison, 3 and 5 Harrison Street, Barrow-in-Furness. 379,687.

"Ointment Serenol Brand," for a medicine (3); "Barsol," for a hair preparation (48). By Thos. Christy & Co., 4-12 Old Swan Lane, E.C. 4. 379,617/260.

(From "The Trade-marks Journal," November 7, 1917.)

(From "The Trade-marks Journal," November 7, 1917.)

"ETABLISSEMENTS ANTOINE CHIRIS & JENNCARD FILS REWNIS" on label-device; for all goods (1). By Etablissements Antoine Chiris & Jeancard Fils Réunis, 13 Ruc Ballu, Paris. 379,337. "Evol"; for goods (1). By W. Tremewan, Ltd., 22 Wind Street, Swansea. 379,487.

"Evol"; for goods (1). By W. Tremewan, Ltd., 22 Wind Street, Swansea. 379,487.
"Bituvan"; for chemicals (1). By J. C. Bottomley, Elland Road, Brighouse. 379,571.
"Device of 'globe hearing letter "G" ("G" disclaimed); for goods (1). By Gourmet & Co., 2 & 4 Mount Pleasant, W.C. 1. 379,591.
"Bitaffy"; for copper sulphate, ctc. (2). By The Mond Nickel Co., Ltd., 39 Victoria Street, Westminster, S.W. 1. 378,600.
"Ectiffse"; for an embrocation (3). By A. E. Hodsman, 10 Hull Road, Withernsea. 379,071.
"Holmier Brand Eczema Onymment"; for medicinal chemicals (3). By W. H. Meyer, 3 Gravelly Hill. Birmingham. 379,728.
"Rhea"; for perfumery, etc. (48). By M. Teitz, 43 Teignmouth Road, Cricklewood, N.W. 2. 378,755.
"Violiv"; for perfumery, etc. (48). By W. W. Brown, 26 Haymarket Terrace, Edinburgh. 379,396.
"Lurink" between device of two men's heads; for perfumery, etc. (48). By B. S. Smith, 9 Jamieson Street, Sydney, N.S.W. 379,914.

(From "The Trade-marks Journal," November 14, 1917.)

(From "The Trade-marks Journal," November 14, 1917.)

"Pinogene"; for dyes (1 and 4). By Society of Chemical Industry in Basle, 141-227 Klybeckstrasse, Basle. 378,771/2.

"BLIOX"; for luminous paint (1). By S. S. Speyer, 18 Hatton Garden, E.C. 1. 379,419.

"Serteka"; for a chemical for preserving photographic developers (1). By G. W. O. Secretan, 210a Tufnell Park Road, N. 7. 379,791.

"Howdah" Brand: for all goods (1). By Craig & Rose, Ltd., 47 Barkside, S.E. 1. 379,897.

"Orthamin Brand Anti-Scorbutic Remedy"; for medicinal chemicals (3), and for food-substances (42). By Boot's Purc Drug Co., Ltd., 37 Station Street, Nottingham. 379,257/8. (Associated.)

"PARAMIN"; for photographic chemicals (1). By Major & Co., Ltd., 447 Wincolmlee, Hull. 380,068.
"Kosmo Nerve and Brain Food" surrounding circular device of head showing brain; for medicinal chemicals (3). By. P. E. Hurst, 2 Birdhurst Road, South Croydon. 379,523. (Asso-

of head showing brain; for medicinal chemicals (3). By. R. E. Hurst, 2 Birdhurst Road, South Croydon. 379,523. (Associated.)

"Renelac"; for manufacturing substances (4). By Jules Lang & Son, Charlton Place, Islington, N. 1. 379,885.

"Ersal Brand Efferwescing Powder"; for food-substances (42). By Cerebos, Ltd., Station Road, Greatham, co. Durham. 379,499. (Associated.)

"Sweetule"; for saccharin tablets and powders (42). By Levers, Moreton Street, Manchester. 379,765.

"CIROPENE"; for all goods (42). By Linton, Hubbard & Andrew, 72-75 Fenchurch Street, E.C. 3. 379,915.

"TURBAN," "Abandon," and "Pas de Seul"; for perfumery, etc. (48). By C. Thomas & Bros., Ltd., Bristol. 379,609/842/844.

"TOPPER" under picture of gentleman's silk hat; for perfumery, etc. (48). By G. W. Goodwin & Son, Ordsall Lanc Soapworks, Manchester. 379,847. (Associated.)

"Glintadon"; for perfumery, etc. (48). By The Standard Tablet and Pill Co., Ltd., Hove. 379,883. (Associated.)

"Massandle"; for all goods (48). By H. E. Matthews & Co., 30 The Mall, Clifton, Bristol. 379,919.

"Yinora"; for cleaning preparations and brushes (50). By Avrton, Saunders & Co., Ltd., 34 Hanover Street, Liverpool 379,727.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

PATENTS AND TRADE-MARKS.

The President of the Board of Trade on November 19 presented a Trade Mark Bill to amend the Trade Marks Act, 1905, and a Patents and Designs Bill to amend the Patents and Designs Act, 1907. The Bills were ordered to be printed.

Doctors' Revolt.

Sir Edwin Cornwall informed Mr. Chancellor on November 15 that London medical men who had been advised to refuse to carry out the regulations in regard to invalided sailors and soldiers have since been in communication with the Commissioners.

ENEMY TRADING.

The Parliamentary Secretary of the Board of Trade stated, in the House of Commons on November 15, that it is proposed to collate the information obtained as to enemy business methods during the administration of the Trading with the Enemy Acts, but he was unable to say whether the information will be made public.

POST-WAR IMPORTS AND EXPORTS.

The text has been issued of the Bill, introduced by Sir Albert Stanley, dealing with the temporary control of imports and exports after the war. In a memorandum it is stated that the practical effects of the measure will be to simplify and continue for a period of three years after the termination of the war the powers exercised during the war as regards the control of imports and exports. Otherwise, it is stated, these powers would to a great extent lapse as soon as a state of war ceases to exist. It is pointed out that the restriction of imports and exports is, in practice, subject in all cases to any licence which may be granted.

Information Department.

INFORMATION WANTED,

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated. hand suppliers of the distance of the large ointment. 192/18. "Helso."

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, The Chemier And Daugeirs, 42 Cannon Street, London, E.O. 4:

Barff's boro-glyceride, 151/36 | Lacteol Tablets, 150/61

CHEMIST AND DRUGGIST. 42 Can Barft's boro-glyceride, 151/36 Barytes, 182/22 Basdon's inhaler, 155/72 Condy's fluid, 163/63 Congreve's clixir, 138/3 Coutts' acetic acid, 138/3 Ellastic cord, 128/50 Elliman's embrocation, 148/69 Houbigant's perfumery agent, 143/53 Hypodermio needles, 150/65 Koko, 140/16 Labelling-machine, 149/60 perfumery:

Labelling-machine, 149/60

Lactcol fablets, 150/61
Lactogen, 162/41
Morison's paste, 162/24
Muller's nutrient, 171/5
"Mum," 187/22
Naldire's dog-soap, 140/16
Naphtha (solvent), 126/65
"Suntrocyl." 175/68
Scott's pills, 138/3
Tinder lighters, 148/58
Tipper's veterinary specialities
182/49
"Tiz," 138/3

Observations and Reflections.

By Xrayser II.

"When the Pharmacy Acts were Passed,"

said Mr. White, when defending our title before the Municipal School of Technology at Manchester, "the present-day scientific or industrial chemist simply did not exist." Of course he did not. The present-day chemist, like everybody of the present day, exists only in the present day, but to say that scientific or industrial chemists did not exist when the Pharmacy Acts were passed is "simply" untrue; and it is a pity that a good case should be weakened by a line of defence that is so easily shown to be untenable. Not to go further back than last century, the names of Davy, Faraday, and Ure are sufficient to refute Mr. White's assertion. The Chemical Society of London was founded in the same year as the Pharmaceutical Society, eleven years before the date of the first Pharmacy Act, and the Chemical Section of the British Association was formed ten years earlier still. It is quite true that the "earliest applications of chemistry were in pharmacy and medicine," that modern chemistry may be said to have grown out of medical science, but (as Dr. Johnson said) from the very foundation of the Royal Society the new study was intended to benefit "the useful arts," and, even in Johnson's day, it had done so to some considerable extent. The case for our retention of the title is not at all weakened by these facts. We need claim no exclusive right to the name of chemists, if our rights as trading chemists are safeguarded, and the criginal inten-tion of the framers of the Pharmacy Acts did not go beyond this. We are the first-born among many brethren, and we have the first claim to the honours of the house. But if these younger Societies play the part of the cuckoo in the nest by trying to turn us out, we must not budge an inch from the position the Pharmacy Acts give us.

Mr. Skinner's Suggestions

for the reform of the Pharmaceutical Society will be welcomed, as will any serious contribution to the discussion of a question that becomes more urgent every day. My critics have often told me that I have no constructive ability, and I do not propose to anticipate your promised article on the subject by any proposals of my own, for which indeed this page hardly affords scope. But I may point out what seems to me the great difficulty in the way of reform, and especially of the only scheme of which I have heard that, were it feasible, would have my hearty approval. The difficulty is that the Society, though in many respects it acts for the whole body of British pharmacists, does not include more than about half of them in its ranks. While this anomaly exists no reform that can be suggested could possibly secure the full and proper representation of pharmacy by the Society, and obviously territorial representation based on existing local Associations, very few of which consist entirely of members of the Society, is out of the question. But for this fact the problem of representation would almost solve itself. Every town or district should have its own Association; these should be federated in fairly equal groups, and every Federation should choose and elect its own representative. Territorial representation of some kind we must have, but if otherwise based than upon local Associations we shall still have the cld confusion between local and central opinion, and the old defective organisation. But non-members ought not to have such weight in the counsels of the Society as mere membership of an Association would give them, and it is unthinkable that they should be compelled to join the Society whether they will or not. This seems to me to be the first problem to be attacked by any would-be reformer.

The Tariff for 1918

Local Associations Executive and a conference hastily summoned for the purpose. It will no doubt be accepted

by pharmacists generally; we have, indeed, virtually no alternative; but we shall accept it without enthusiasm, and the old feeling of unsettlement will remain. concessions made to us are made purely on the ground of the increase in business expenses. There is no recognition of the fact that we have been underpaid all along; on the contrary, it is assumed that the old terms were equitable at the time, and even if the new ones meet the increased cost of business and of living, which is more than doubtful, we are no better off than before. If we had cause for dissatisfaction then, we have the same cause now. We are granted a good deal less than the minimum we asked for, and many of our grievances are left untouched. Rural areas and repeat prescriptions remain; the old complexity of accounts also remains, if it is not actually increased. But though the Commissioners reject the official pet scheme of two flat rates, Mr. Skinner takes a somewhat roseate view when he says that, "in a measure," they adopt the scale of the Progressive Pharmacy Club. It will prove, I dare to say, a very defective measure. Our local Associations may, however, be trusted to continue their votes of thanks to the L.A.E. for its "able leadership," and we shall all (since we have no choice left us) go back to our task as State dispensers, still "nursing the unconquerable hope" of better days in some ever-receding future.

"Nothing so Fallacious as Figures,"

was the dictum of Lord Beaconsfield, and the bewildered pharmacist who reads the letters you published last week on "Profits on Proprietaries" will be inclined to agree with him. To reconcile "MacJ." with Mr. Hugo Wolff, to say nothing of "M.P.S.I.," passes my ability, and I shall not attempt it. The explanation, if there is one, must lie partly at least in the class of patents respectively dealt with; and the moral would seem to be that we should push patents that yield a fair profit and neglect those which do not, which is precisely what I have always done. But the profit depends partly, as Mr. Wolff points out, upon the number of articles sold, and if an article is, as he says, "half sold" before we handle it we may be content with a less profit than we should otherwise demand on a single sale. Here, as everywhere, business ability is a determining factor; if we buy with judgment we may, as a rule, sell with profit. But all the judgment in the world cannot always safeguard us from loss in handling other people's goods. A sudden stoppage of advertisements by the proprietors of a leading "patent" cnce left me with what, for my business, was a huge dead stock of articles at four-and-sixpence face-value, and this is only one illustration of a truth of wide application. In the midst of much uncertainty one fact stands out plainly: no patent is worth stocking that does not pay for itself in one way or other.

Jimson.

or, as Mark Twain spells the word in his book "A Tramp Abroad," Jimpson, is a corruption of Jamestown, a somewhat common place-name in the United States and elsewhere, but here referring to the place of the first English settlement in Virginia under Captain Newport in 1607. Datura Stramonium got the name of Jamestown-weed because it occurs plentifully in this neighbourhood. A writer quoted in the "Philosophical Transactions" for 1687, says: "Several cf them [the soldiers] went to gather a Sallad . . . and lighting in great quantities on an Herb called James-town-weed, they gathered it; and by eating in plenty were rendered apish and foolish." In an account of Carolina written shortly after this we are told that "James-Town-Weed is excellent for Burns and asswuaging Inflammations."

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Editorial Articles.

Reconstruction Problems. II.—Demobilised Undergraduates.

The problem of most immediate concern when the war is over will be that of the returned soldiers and sailors and other war-workers. It has two aspects, our duty to the men and our need of them. Let us take them in this order. It will hardly be denied that these men, whether volunteers or conscripts (it is unnecessary and would be invidious to distinguish between them), deserve, in view of the sacrifices that have been demanded of them, special consideration as regards their training as pharmacists. Not only have they risked life and limb on our behalf, but, what is more to the present purpose, they have lost years of preparation for their life-work, and many of them will come back less well prepared for it, and less fit for work or study, than they were when they went away. Are we to exact from them precisely the same examinations, as those who have remained at home in pursuance of their vocation? This would be to throw them very seriously back, and, in our opinion, to perpetrate a grave injustice. Many of these men may have lost for ever the opportunity of qualifying in the ordinary way, all will have been sorely hindered; and some scheme of modified examination is urgently needed. Something of the kind is being considered in France, and the Pharmacy Board of Victoria, under the

War Services Apprentices Act, 1916, has power to to make modifications in the pre-requisite conditions of candidates for the qualifying examination. are not aware that anything on these lines has even been proposed here at home. On the contrary, all the talk seems to be of stiffening the examinations; the old exclusive policy, which has alienated a good half of our English pharmacists, is still apparently the order of the day. Such policy is, however, little short of suicidal, as will be seen when we look at the other aspect of the question we are discussing. The shortage of pharmaceutical students, as revealed by our official. statistics, is really alarming, and the practical difficulty of getting assistants is causing us the most serious embarrassment. This is no new problem, though it has, of course, been greatly aggravated by the war. Significant figures showing the state of things a year before the war broke out will be found in successive numbers of the C. & D. for August 1913; it is sufficient to say here that in the twelve years from 1991 to 1912 the yearly average of passes for the Preliminary examination was only 290, whereas in the twenty-six preceding years it was 669. The figures for the Minor are not quite so disastrous as this, but they are bad enough. During the twenty years from 1871 to 1891 there was a persistent increase (with slight fluctuations) from 234 to 681. The large number passing in the latter year was due to exceptional circumstances, but the passes of the preceding year (1890), when the circumstances were normal, reached 524. Since 1891 there has been (again with slight fluctuations) an equally noticeable decrease. From 681 the passes dropped in 1901 to 552, in 1911 to 436, and the last drop is the more significant because the percentage of failures in that year was but 52, whereas in 1901 it was 69. It is not necessary to give later figures; it is enough to say that the decrease continues and becomes more threatening year by year. In view of this fact we simply cannot afford to lose a single prospective pharmacist, and we cannot, as employers, expect to retain the services of the men who are to be released when the war terminates unless we give them a fair chance of becoming pharmacists without making up all the leeway they have lost. It should not be difficult to arrange terms suitable to every class of case so as to ensure an equitable treatment of each one and the competence of all for the ordinary work of the pharmacist in business. Any concessions made to undergraduates in pharmacy—young men who have completed or practically completed an apprenticeship, and, in many cases, have covered the work for the Minor examination at a school of pharmacy—whose studies have been interrupted by the fact that they have enlisted in the Army or Navy and have served in one or other of the theatres of war, should be such as will enable these young men to qualify as early as possible, but, at the same time, should ensure that those who pass are sufficiently competent to "keep open shop" and carry out the work of a pharmacist. We suggest that they should be asked to undergo a modified course of training at a recognised school of pharmacy, and that they should be excused examination in chemistry, physics, and botany—the scientific subjects on which the practice of pharmacy is based—but that they should pass the examination—Minor standard-in dispensing, prescription-reading, pharmacy, and materia medica, these being subjects which enter into the daily work of the pharmacist. All schools of pharmacy-including the pharmaceutical departments of the technical schools—which can show that they are properly equipped and staffed would come within the term "recognised schools of pharmacy." The course should cover a period of four months at least—or the equivalent of evening classes—and should be modified as may be decided by a Committee of representatives of the Council of the Pharmaceutical Society, the Boards of Examiners for England and Wales and for Scotland, and the principals of the schools of pharmacy, who would draw up a suitable curriculum of study. Candidates draw up a suitable curriculum of study. would be required to submit evidence of proper apprenticeship, and also a certificate, signed by the principal of the school of pharmacy which the candidate had

attended, stating that he had completed the course and duly performed the work of the classes in chemistry, physics, and botany to his (the principal's) satisfaction. They would then be credited, without examination, with a sufficient knowledge of these subjects, and would be admitted to the Minor examination in dispensing, prescription-reading, pharmacy, and materia medica. On satisfying the Board of Examiners in these subjects, they would be registered as duly qualified chemists and druggists. Our own need of these men is emphasised by the corresponding shortage of doctors, which is bound to react upon us. It is not extravagant to anticipate a considerable relinquishment by general practitioners of the habit of dispensing their own medicines. How are they to find time to do it? After all, this is but a subsidiary part of their practice; their true function and interest lie elsewhere, and when faced with the alternative of giving up the supply of medicines or restricting their general practice, it is pretty certain that most of them will choose the former course. We may reasonably hope to come before long into our full heritage in this respect, but we must have the men first—not mere dispensers, but thoroughly equipped pharmacists. It may safely be asserted that we cannot supply our inimediate needs unless we make some concession to the men who are coming back such as will enable them to acquire pharmaceutical rank without undue hardship, for the prospect of perpetual assistantship will not attract them, nor can our future needs be met except by a supply of men with a better outlook than this. We say men, because we do not think women, as a class, are at all likely to succeed as pharmacists in business on their own account, or, indeed, to attempt it. They may make useful assistants to us or to the doctors (a fact which perhaps somewhat discounts what we have said with regard to doctors dispensing), but the pharmacist of the future will, even more than has been the case hitherto, be one who has wedded pharmacy for better or worse, and serves it with all his powers.

The Iodine Market.

As intimated last week, the Chilian Iodine Syndicate advanced the price of crude iodine by 2d. per oz. to $10\frac{1}{2}d$. for large contract lots, the previous quotation of $8\frac{1}{2}d$, having been in vogue since February of this year. So far as can be gathered, the principal reason for the present advance is the increased cost of production, labour, freights, insurance, etc., while it is also maintained that, as compared with pre-war prices, the present rate is by no means excessive, and is merely restored to what it was in 1915. During the past seventeen years the price of crude iodine has undergone eleven alterations, as will be seen from the following table:

Price per oz. of Crude Iodine

		tto per	020 0.7	07000	200011			
Month	1900	1901	1904	1905	1912	1913	1915	1917
February March June July August October November December	7d.	€d. 	7½d. ————————————————————————————————————	10½d. — — — — — — — — — — — — —	7½d.	9d.	10½d.	8½d.

In certain quarters exception has been taken to the advance, which is regarded as exploiting the needs of the nation at a critical period, but it must not be forgotten that iodine is the product of a neutral country, and cannot be interfered with, although it would be interesting to know what measure of influence the distributing agents in Europe have in fixing the price. It does, however, seem deplorable that such large quantities of the "mother-liquor" of nitrate are allowed to run to waste at the source, simply because the output is always in excess of the demand. There is, therefore, no pretence of scarcity in the supply, and throughout the war shipments of iodine have been well maintained. Nitrate of soda has,

of course, advanced on the grounds of high freights, insurance, etc., but the excuse, we think, applies with much less effect to the by-product. At the present time there does not seem to be serious competition with Japanese iodine or potassium iodide, or probably the syndicate is finding business sufficiently prosperous without taking notice of competition from that source. So far this year there has been a marked falling-off in exports of potassium iodide from Japan, the figures for the eight months, January to August, being 132,060 lb.; 153,868 lb. during 1916. On the other hand, the exports of crude iodine have been much larger—viz., 27,516 lb., against 1,206 lb. during 1916. These figures do not show aggressive competition with the syndicate, and are comparatively small in the aggregate.

Health Insurance Matters.

THE National Health Insurance Bill which Sir Edwin Cornwall introduced into the House of Commons last week is a Bill of forty-five clauses and five schedules. It is divided into two parts, the first including the financial provisions, and the second dealing with the general amendment. The financial adjustments that have been found necessary are in regard to the claims of married women. The allocation of the contributions from women are now proposed to be readjusted. Three new funds are created—(1) the Contingencies Fund, (2) the Special Risks Fund, and (3) the Women's Equalisation Fund, the last out of Exchequer moneys. The general amendments are numerous, but as a rule deal only with the machinery of the principal Act. Clause 31 gives power to the Commissioners to remove from other panel lists the name of a medical practitioner who has been removed from one list, and until such time as the Commissioners direct to the contrary the practitioner is disqualified from inclusion in any other list in Great Britain. The fourth schedule of matters with respect to which regulations may be made includes-

The administration of any Medical Benefit or treatment the cost of which may be defrayed out of the additional sums provided by Parliament under Section 1 of the National Insurance Act, 1913.

So far as we can see, however, there is no direct reference to chemists in the Bill. It is proposed that the Bill

shall come into force on January 1.

The other National Health Insurance matter which is exercising the minds of chemists is in regard to the Drug Tariff for 1918, which was set out in full in the C. & D. last week (p. 43). We there outlined the chief alterations in the Tariff, but may perhaps add that it is now proposed to treat poison-bottles on the deposit-system instead of charging them to the Drug Fund. The method of charging for medicated waters as being "ex concentrata," unless otherwise indicated, is calculated to effect a great saving to the Drug Fund, but there are several objections to the use of spirituous solutions of essential oils in place of waters distilled from the aromatic drugs. The decision to sanction the use of methylated liniments unless otherwise ordered simplifies this matter, but it does not satisfy those who have regard to the possibility of a public analyst taking samples of dispensed prescriptions and expecting that the liniments of the British Pharmacopæia have been employed. The suggestion of two flat rates for liquids was rejected by the Commissioners, and in consequence the old trouble of extemporaneous and non-extemporaneous mixtures remains. Under the present Tariff the instructions to the Pricing Bureaus are framed so that the narrowest view is placed on what constitutes a non-extemporaneous preparation. Pricers are told, for instance, that the question whether a given medicament falls into one class or the other does not depend upon whether the chemist has in fact prepared the medicament extemporaneously or not, but whether the drug can be expected to have been a stock prepara-tion or to have been dispensed extemporaneously. It is not necessary to labour the point, as the object of the two flat rates was to devise a more just For the present, method of allocating the two fees.

however, this injustice of the old Tariff remains. Chemists must be thankful that their representatives, having asked for 5.5d., were granted 3.55d. as the fee for prescriptions prepared extemporaneously, the extra 0.05d. being in the nature of an adjustment for such matters as ointment-containers.

October Overseas Trade.

THE Board of Trade Returns for October are chiefly remarkable, as regards imports, for the rise in values of raw materials, which, with the Government imports not included in last year's figures, account for the advance of over thirteen millions sterling on the month compared with October 1916, the total imports from all sources being 94,261,0007. Our purchases of food and the like were 5⁴ millions sterling less, while of raw cotton and wool, 6.4 millions more was bought, which represents a de-There was also a large increase in creased quantity. imports of oilseeds, nuts, oils, fats, and gums by 2,300,000*l*., due mainly to an enormous advance in purchases of fuel-oil. A rise of 9,461,000*l*. is recorded in manufactured articles, which may be attributed to Government purchases. Chemicals and the like were 122,000l. more at 2,637,000l., the features of the month being much larger imports of sulphur (127,000 cwt.) and soda compounds (23,000 cwt.). Receipts of quinine were 255,217 oz., or 73,441 oz. more, and for the ten expired months of the year imports were 3,729,982 oz., against 3,048,646 oz. in 1916 and 3,749,485 oz. in 1915, showing that in spite of many difficulties there has been no genuine shortage. The quicksilver figures arc extremely small, being 1,875 lb. only for the month, against 62,734 lb. in 1916 and 80,966 lb. in 1915, and on the ten months there is a deficiency of 702,103 lb. compared with last year.

As regards exports, there is an increase of 6,042,000l., the total being 50,757,000l. This increase is entirely in manufactured goods, as food and the like were 1,311,000l. down, and raw materials 165,000l. lower, coal being 413,000l. less with a decline of about half a million tons in quantity. In manufactured goods the increase of 7,692,000l. is very satisfactory. Most of it is in miscellaneous articles (5,475,000l.), and 2,931,000l. is in cotton goods. The chemical and drug section was 599,000l. less at 2,047,100l., but compared with October of two years ago there is an increase of 358,000l. Copper sulphate was released in larger quantities, 3,287 tons being exported against 2,540 tons; of soda compounds 435,933 cwt. was exported, or 96,614 cwt. less; but on the year's exports there is little change. Medicines show a heavy decline to 283,622l., or 168,300l. less on the month, this being due to the conservation of supplies and restrictions rather than any decline in values. Much smaller supplies of quinine were released for shipment, figures being—

	1915	1916	1917
0 1 2	OZ.	OZ.	OZ.
October	 97,501	286,474	76,691
January-October	 1,634,934	1,436,438	1,329,771

The above figures are supposed to represent British-made quinine only, an additional 124,407 oz. of foreign-made quinine having also been exported during the year. Bearing in mind the many difficulties under which export trading is carried on, and the high prices that have to be paid by buyers for practically all commodities, the enormous volume and vitality of overseas trading are surprising.

Sarsaparilla Mixtures.

Although sarsaparilla mixture is mostly employed as a spring medicine for impurities of the blood, it should be borne in mind that it was originally introduced to Europe in the sixteenth century as a remedy for syphilis. The well-known Zittmann's decoctions of sarsaparilla have within recent years received encomiums from British medical men who have employed these liquids in the treatment of syphilis. It is not therefore surprising that references to syphilis are often found on the labels and circulars of proprietary sarsaparilla mixtures. Under the Venereal Disease Act it is an offence to hold out

remedies for syphilis, and all labels in consequence should be amended. This was pointed out in the C. & D. some months ago, but recently a proprietary mixture came before our, notice in which the references to "syphilitic affections" have not been removed. There is risk to the retailer in selling such an article.

Trade Arbitration Courts.

A Great Deal has been heard from time to time about Arbitration Courts and the value of referring trade disputes to them in order to arrive at a settlement, instead of going to law in the usual way. A striking example of a private arbitration has recently come to light. A large firm of merchants claimed a substantial amount for services rendered to another firm. An action was brought in the High Court, and the earlier processes of litigation begun. Finally it was decided to refer the dispute to arbitration, and when the question arose as to who should be appointed it was agreed on all hands to refer the matter to the defendants' solicitor. He arbitrated on the case, and awarded the plaintiffs the sum of 1501. The arbitrator's fee of ten guineas put an end to any further expense.

Dual Capacities.

"No man can serve two masters," quoted a correspondent some time ago when Mr. Woolcock, the Registrar and Secretary of the Pharmaceutical Society, was appointed Mr. Glynan Assistant-Director of Army Contracts. Jones, the Parliamentary Secretary of the Pharmaceutical Society, has since been appointed a Secretary to the Minister of Reconstruction, and in that position his activities as Parliamentary Secretary are presumably influenced when it comes to criticism of the Government. Now it appears that Mr. White, the President, went to the inaugural meeting of the British Association of Chemists at Manchester (C. & D., November 17, p. 35) as a representative of the Council of the Institute of Chemistry. We expect next to hear of Mr. Neathercoat filling in his time as President of the Progressive Pharmacy Club and Mr. Chater acting as Clerk of the Privy Council. The matter, however, has its serious side. Not a word had been said at the Council-meeting of the Pharmaceutical Society about the movement which had been in progress for endeavouring to limit the use by pharmacists of the title "chemist," until we dragged the matter into the light in a series of articles on "The Chemists" Title." The question first arose in the ranks of the Institute of Chemistry, the Manchester movement being an outside growth; and it is only natural to ask whether Mr. White in this matter acts as a member of the Council of the Institute of Chemistry or as President of the Pharmaceutical Society—the interests are by no means identical.

Experiments in Opium-production.

The fact, announced with a considerable flourish of trumpets, that Professor Thoms, of Berlin, has produced from poppies grown on a large estate in Silesia opium yielding 22 per cent. of morphine will surprise nobody who is acquainted with the history of the opium poppy. Two hundred years ago opium cqual to that of Turkey was obtained from English poppies, and in France, where the most satisfactory results have been obtained, a percentage exceeding that of Thoms's Silesian specimen is reported by Guibourt. Other French opiums treated by him yielded 21.23 and 20.67 per cent., and the lowest percentage obtained in France is said to have been 14.92. In Southern Germany a percentage of 20 has been reached. It might be supposed that any of these opiums would be worth growing, but this industry has never taken root in Europe. As a makeshift it may be worth while in Germany under present conditions, but the causes which have made against it hitherto persist and cannot be overcome. Neither the climate nor the soil of Silesia is probably better fitted for poppy-cultivation than that of Southern and Western Europe: according to Flückiger and Hanbury earlier experiments showed Silesian opium to yield only about half the percentage of morphine obtained in Northern France.

Associations' Winter Session.

Aberdeen.—The Aberdeen Junior Chemists' Association met in Gordon's College on November 15, when Miss Stephenson read a number of Letters from France, written Steppenson read a number of Letters from France, which by members of the Association now serving in the R.A.M.C., which she had collated and edited, and which proved highly interesting, describing the journey, the reception there, and the work at the base, in the hospitals, and on the field. A letter was also read from Mr. Swan, a former President of the Association, who is now in the R.N.A.S. Miss Stephenson and the writers of the letters (Messrs. Singer Sutherland Dingen Ledingham and Swan) were Singer, Sutherland, Duncan, Ledingham, and Swan) were warmly thanked for their contributions. At the next meeting, on November 29, an illustrated lecture will be given by Mr. M. K. Watt on "Sketches of Life in the East."

Belfast.—The Chemists' and Druggists' Society of Ireland held a whist-drive in the rooms of the Society, 11 Waring Street, on November 14. In the absence of the President Mr. John Frackelton presided. He apologised for the absence of Mr. Rankin, who was away in Dublin on business. absence of Mr. Rankin, who was away in Dublin on business. Tea was provided during the evening. The prize-winners were: Ladies—(1) Mrs. Walsh, (2) Mrs. Wilson, (3) Mrs. Long; Gentlemen—(1) Mr. Dayis, (2) Mr. Nevin, (3) Mr. Walsh. The prizes were presented to the winners by Miss Rankin, daughter of the President, to whom a vote of thanks was passed by acclamation.

Brighton.—An emergency meeting of the Pharmacy Association was held on November 16, at 51 Old Steine, to consider the proposals for the new Tariff. Mr. Yates gave information as to the proposed changes. A good deal of consider the proposals for the new Tariff. Mr. Yates gave information as to the proposed changes. A good deal of satisfaction was expressed with the tangible improvement, and it was felt that the Local Associations Executive had achieved success. With regard to the War Emergency Formulary opinion was not so complimentary. The fact that the W.E.F. were to become official for Insurance work, and optional for ordinary dispensing, showed a discrimination which was invidious. Either the change is necessary for both or for neither. Appreciation was expressed of Mr. Yates's several visits to London for the various Local Association Conferences, these visits being at great inconvenience, as he is the local superintendent of the V.A.D., and has to obtain special leave before he is allowed to absent himself from Brighton. himself from Brighton.

Cambridge. The annual meeting of the Cambridge and District Pharmaceutical Association was held at Mason's Café on November 16, under the presidency of Alderman A. S. Campkin, J.P., who reviewed the work of the past year, and especially the part played by the Association in the work of the newly formed Eastern Counties Federation. The annual report and balance-sheet, and the report of the Junior Association, were adopted. In moving a vote of thanks to the President, Mr. J. Evans criticised the Local Associations Executive's arrangements for the recent district meetings, which had wasted much valuable time for no other object than that one member of the Pharmaceutical Causail should preside the result being that the closing no other object than that one member of the Pharmaceutical Council should preside; the result being that the closing meeting of delegates was held in London on the preceding Monday to decide on the proposals, and on the Wednesday morning the Insurance Committee was issuing the final acceptance by the Commissioners. It was useless to meet in London to discuss matters which had already been accepted by the Commissioners. He hoped the President would draw attention to this at the next Councilmeeting. The following officers were then elected: President, Alderman A. S. Campkin, J.P.; Vice-Presidents, Captain E. S. Peck, Messrs. H. F. Cook, J.P., Evans, Church, and Parsons; Treasurer, Mr. H. Flanders; Hon. Secretary, Mr. S. F. Barker; Librarian, Mrs. Course, Auditor, Mr. S. Bell; Committee, Messrs. B. S. Campkin, Parsons, Moss, Mallett, Course, and Turner.—A meeting of panel chemists was afterwards held to discuss the terms of the dispensing contract for 1918.

Chemists' Dental Society.—The Emergency Committee

Chemists' Dental Society.—The Emergency Committee met at Bloomsbury Square on November 14, Mr. Malins presiding, to consider additional documentary evidence to be laid before the Dentists Act Committee and to appoint a mittee of the beautiful o witness to appear at the sitting of that body. It was agreed that the Society has a strong case to put forward on behalf

of its members

Doncaster. - The annual meeting of the Doncaster and Dorcaster.—The annual meeting of the Dorcaster and District Association of Pharmacists was held at the Albany Hotel on November 9, the retiring President (Mr. F. W. Playford) in the chair, when the Secretary's balance-sheet showed a balance in hand of 3l. 14s. 5d. The election of officers resulted as follows: President, Mr. J. C. Marr; Vice-Presidents, Messrs. H. W. Shaw and F. W. Playford; Secretary and Treasurer, Mr. Harry W. Stiles; Committee, Messrs. F. Brooke and S. Moores. It was resolved to adopt the "B. & C. P." minimum-price list, and to fall in with such Christmas closing as was recommended by the Tradesmen's Association. A vote of thanks was accorded to the retiring President, and to the Secretary, for their services

during the past year.

Edinburgh.—The Edinburgh District Chemists' Trade Association met at 36 York Place on November 19, Mr. James Dick (Chairman) presiding. Messrs. Thomas Stephenson and Joseph Tait were elected honorary members. Mr. Stephenson then gavo an address on Modern Business and Business Methods. He defined business as "the life-work of the individual," saying that it is because a man's life-work is usually also a man's living that the word has become incorrectly connected with trade. Of late years there has been a tendency to a better spirit in business.—to do business for its own sake rather than as a means of making money. By the climination of the element of money-grubbing better conditions have evolved, employers money-grubbing better conditions have evolved, employers and employed are on a more friendly footing, clients and customers are better satisfied, with the result of greater efficiency and consequent profit. The four conditions for this better spirit in business are efficiency, service, co-operation, and imagination. (1) Efficiency implies a knowledge not only of the technique of one's business, but of the application of that technique in morting the ways of the application of that technique in meeting the wants of the community—that is, knowledge of one's business. One cannot know too much about one's own business, but one ought to know something about other businesses. An important condition of efficiency is the climination of waste of material, time, and labour, particularly by the employment of the many labour-saving appliances now obtainable. (2) "Service" in business means unselfishness: it is the sunshine of business—it warms the air and makes things grow. American drug-store methods in this respect wero contrasted with British, much to the advantage of the former. (3) Co-operation is absolutely essential for efficiency in business. Its literal meaning is "working together," and no one can deny that an object is more quickly achieved by a number of persons pulling together than by these-persons all pulling in different ways. Among the many lessons of the war it has taught the business world the lessons of the war it has taught the business world the folly of insane competition whereby we cut each other's throat and allowed the enemy a free entrance into our fields of commerce. But much yet remains to be done before we shall see that close working together which will make for greater prosperity in this country. (4) Imagination is an asset of the greatest possible value to the businessman. Pharmacists as a body are by no means the most imaginative of men, but if they would develop this faculty more freely there is no knowing to what heights pharmacy as a business would rise. All modern inventions are the result of imagination: without imagination as a motive-power we should stand still for ever. Reading, observation, and conference with our fellows all tend to stimulate the imagination; close devotion to business routine without relaxation strangles it. We must get out of ourselves—read, travel, mix with our fellow-men and exchange ideas on matters apart from our business. Then when we come back to the daily task we shall come with fresh ideas and renewed mental energy, and be in a position to use our imagination as the process. back to the daily task we shall come with tresh ideas and renewed mental energy, and be in a position to use our imagination actively and constructively. Mr. Adam Duncan proposed a vote of thanks to Mr. Stephenson, which Mr. J. Muir (Vice-Chairman) seconded, expressing his admiration for Mr. Stephenson's lefty ideals, though he was afraid that under conditions now prevailing their realisation is impossible. Mr. J. K. McLennan and Mr. A. Currie supported the vote of thanks, the latter being inclined to put imagination in the first place as a pre-requisite for success. ported the vote of thanks, the latter being inclined to put imagination in the first place as a pre-requisite for success in pharmacy. He, however, was not enamoured of the idea of transforming his pharmacy into the typical American pharmacy which Mr. Stephenson had described. Mr. Stephenson, in replying, said that nothing was impossible to a person who resolutely made the attempt with a feeling that it could be done. He had no wish to introduce into British practice any distinctly American ideas, but he thought we could learn from the Americans, and he would accept a good suggestion no matter from what quarter it came.

Leeds.-The Leeds Chemists' Association met on November 14. at the Grand Central Hotel, Mr. N. N. Armitage (President) in the chair, to hear an address by Mr. Hugo Wolff (London). The President, in introducing Mr. Wolff, said it was a pleasure to receive a man of whom they had all heard and whose opinions they had read in print. He assured Mr. Wolff of a hearty welcome, and said that whether his views coincided with those of Leeds or not, he would get a patient and sympathetic hearing. Mr. Wolff, who was cordially received, expressed his pleasure and pride in visiting the Leeds Association. With regard

to differences between the London and Yorkshire views, he could say at the outset that there was really no difference at all, or, if there was a difference, it may be that one section clamours loudly for what the other section equally desires but does not put into concrete form. One of the most regrettable features of the craft to-day, he continued, is a certain feeling of antagonism against London. To-day London is probably the most progressive part of the country in the happenings in the drug-trade as in modern municipal politics. When the Insurance Act came into force all the chemists of London were strangers to each other. To-day chemists of London were strangers to each other. they have a number of local Associations and area Councils, they find London pharmacy damned in the country simply because it is out for progress far ahead of any other part of the country. In London, said Mr. Wolff, there are a thousand chemists on the panel and three hundred not on the panel. In the Greater London area thousand class of the country. there is a large slice of the country's drug-trade, and yet anything that emanates from London is at once ridiculed in the North. He then outlined the origin and proceedings of the Local Associations Executive, complaining that all ended in delay after delay; and urged that if the P.A.T.A. could not do anything bound mice protection of receiving could not do anything beyond price-protection of proprietary articles, the craft now stands without an organisation to deal with those particular trade matters which are of such great concern. The first of these is the co-operative societies. Taking the 1913 (pre-war) figures—and they were bigger now—these societies did one-half of the retail business of the country-two hundred million pounds out of four hundred and forty-five millions. They had a co-op-society in Leeds doing a million and a-half turnover on the a million and over. The co-op, societies could sell 95 per cent. of what the chemists sell without employing a qualified man. They have 7,000 patent-medicine licences. He put it to the meeting that that organisation, backed up by political influence and members in Parliament to voice its aims. is a force too big for pharmacy to stand up against, and when one talked about high-class pharmacy, to strive after when one talked about high-class pharmacy, to strive after something better and to get State recognition, did not the meeting think the craft was chasing a shadow to get a substance? What Government in this country would or could ever legislate co-op, societies and big corporations out of existence? It cannot be done. The only weapon for the private chemists against co-operative trading was for the private chemists against co-operative trading was organisation among themselves as better business men, and by preparing themselves to face it. Another point on which London is keen, said Mr. Wolff, is the matter of "rings" in the drug-trade. The soap "ring" has collared the raw material, and a rise of about 20 per cent. in soap prices next month was coming, owing to all the fat in the country having been collared for margarine and lard. The "ring" "had" the craft in malt and oil and in tablets. The chloroform "ring," he said, is "the dandiest ring that ever was." The craft is sitting down quietly, and letting the "rings" crush it. The speaker then dealt with the use of the title "chemist," and urged that the magic letters "M.P.S." behind the name of a man should indicate to the public. if chimist," and urged that the magic letters "M.P.S." behind the name of a man should indicate to the public, if properly brought to their notice, that this is the safest man to go to for medicines. This is a great opportunity of advertisement for the whole craft, and the result isnothing. The opportunity for securing prestige has been thrown away, and London is bitter about it. Another thing London does not like is the deduction of pharmaceutical expenses. If this money is to be deducted for checking, let them have a proper check. After discussing the Middleset flat-rate dispensing scheme, Mr. Wolff went on to speak of the Progressive Pharmacy Club. If that club has a father, he said, he is Mr. Glyn-Jones; it was a sentence by Mr. Glyn-Jones, some years ago, to the effect that "to get what you want you must want what you can get," which was the foundation of the club. The club is out to consider all these trade problems. Never from the beginning has all these trade problems. Never from the beginning has the P.P.C. been hostile to the Pharmaceutical Society. There is not a man on the Executive who wants a job or is bursting to oust any official of the Society. Every one of the members had the greatest admiration for Mr. Woolcock and Mr. Glyn-Jones. What they are out for is that the craft has not at present an organisation to deal with trade matters, and the first venture of the club was to issue a pamphlet on Insurance dispensing. Certain quotations had been hurled at the club, that it had intended to present a memorial direct to the Insurance Commissioners. a menorial direct to the Insurance Commissioners. It was never intended to go direct, and it did not go direct; it went to the L.A.E., and thence to the Pharmaceutical Council. Where was the organisation which was going to deal with the co-op. society and other problems he had mentioned that evening? Mr. Neathercoat had said he did not say that no outside body could do anything that the Society could not do. He would be glad if Mr. Neathercoat would say where is the new organisation which was

going to deal with these problems. The craft could not afford to wait. Let them forget the map and the suggested division of England into areas, and watch the clock. Time would win this war, and time was the thing which pharmacy is up against. They should not decry everything from London just because it came from there, but examine it. If he might venture a message to critics, he would say, they must remember that hindrance never thwarts determination; it only inspires it; and the greatest promise of to-morrow must lie in yesterday's failures. (Applause,) The President, Mr. Pilkington Sargeant, Mr. J. H. Beacock, Mr. H. Gilleghan, Mr. M. E. Murray, and Mr. J. Hayes discussed Mr. Wolff's arguments, and all heartily congratulated him on the force and lucidity with which he had expressed his views; and in replying to the discussion Mr. Wolff said he criticised the Pharmaceutical Society and the Checking Bureau, but did not "belittle" them, as had been alleged. He agreed that the Society should not touch the co-operative menace, but he wanted somebody to do it. He dealt with the other points raised in the discussion, and concluded with a strong appeal for a fair outlook on the activities of the Progressive Pharmacy Club.

Liverpool.—A meeting of the Liverpool Chemists' Association on November 21 listened to a lecture by Mr. F. Pilkington Sergeant on Reconstruction of Pharmacy. He said pharmacists must demand that dispensing of medicines should be in the hands of only people capable of doing such work properly. The sale of scheduled poisons should be restricted to qualified retailers, wholesalers being allowed to sell only to those retailers. The title of "chemist" must be retained, and there must be added to Parliament sufficient pharmacists to create an atmosphere of superiority around pharmacy and strengthen the Pharmaceutical Council. He commended the work of Mr. Moreton Parry on the Council. In reply to a vote of thanks, Mr. Sergeant agreed that apprentices should have Immediate examination one, two, or three years after the Preliminary, but he would object to an Intermediate examination carrying any qualification. Mr. W. P. Evans (President), who presided, received a vote of congratulation on his approaching marriage, to which event Mr. W. H. Clubb (Vioe-President) and Dr. Symes referred in felicitous speeches. In reply, the President promised a spring smoking-concert for the Benevolent Fund.

Tondon Co.—At the meeting of the Executive Committee of the London County Pharmaceutical Association at 17 Bloomsbury Square, W.C., on November 20—Mr. A. R. Melhuish (President) in the chair—Mr. Jenkin resigned his membership of the Trade and Organisation Sub-Committees, but it was resolved to ask him to reconsider his decision regarding the latter body. Correspondence was dealt with, and the reports of the various Sub-Committees were adopted. The Organisation Sub-Committee recommended "The B.P.C. Addendum (War Emergency Formulary)" as the subject for consideration by the District Associations for December. Some discussion arose out of this suggestion and the difficulties arising from the shortage of sugar and glycerin, and it was decided to invite the Local Associations Executive to obtain a ruling from the proper authorities concerning the responsibilities of pharmacists under the Merchandise Marks Act and the Sale of Food and Drugs Acts in the supply of substitutes. The issue of a quarterly surplus-stock list was placed in the hands of the Trade Sub-Committee to carry into effect. Mr. C. A. Noble was elected a member of the Trade Sub-Committee, in place of Mr. A. H. Jenkin.

London (N.).—The first fireside social of the session was held at the Progressive Pharmacy Club on November 15, when the change of venue from the homes of members to a headquarters was highly appreciated, and the attendance amounted to over sixty—a fact which will stimulate the Committee to continue the meetings monthly. Those who contributed to the musical evening were: Mr. Clapham (pianist), Miss Watson, Mrs. Beckwith, Miss Bowie, and Messrs. Beckwith, Keith, Gilmour, Cooper, Jenkin, and Duncan Bowie. The arrangements were made by the Treasurer Mr. H. G. Mumford, who acted as the Social Secretary, and to whom the thanks for a successful evening were due.

London (W.).—A meeting of the Fulham Sub-District of the Western Pharmacists' Association was held on November 20 at St. John's School, Dawes Road, Walham Green, the President (Mr. Shirtliff) in the chair. The local Sccretary (Mr. W. Wilkinson) propounded his new rota scheme, which is an extension of the one now in force. A service is proposed whereby the participants would work only one Thursday in four. After a full discussion, it was resolved to put the proposed rota service into force at Easter and continue it till the end of September. The Drug Tariff terms for 1918 were discussed.

Manchester.-The Manchester Pharmaceutical Association met in the Organic Lecture Theatre, Chemical Department of the University, on November 14, Mr. Joseph Bell (President) in the chair, to hear an address on Bacteriology in its Relation to Pharmacy, by Mr. E. G. Gaul, M.Sc., Ph.C., Lecturer in Bacteriological Chemistry at the University. Mr. Gaul said that bacteriology must not be looked on as a money-making game as it was only injected. on as a money-making game, as it was only in isolated cases that a pharmacist in business would be called on to deal with a sufficient amount of work to warrant him in expecting any great return for his labour; but pharmacists expecting any great return for his labour; but pharmacists could be of very great service to the medical faculty and others if they would take an intelligent interest in bacteriology and the preparation of toxins, vaccines, etc. He advocated the inclusion of this subject in the examination syllabus, and also favoured the institution of a curriculum for the advancement of pharmacy. Having warned his hearers of the pitfalls connected with bacteriological work, Mr. Gaul described the apparatus and media employed, showing on the lecture-table a number of Petri dishes and tubes containing the different media and bacilli. He also described the making and filling of ampoules. A number of lantern-slides, showing bacilli, were projected on to a screen, the lecturer describing each one. On the motion of the President, seconded by Mr. J. Grier, M.Sc., Mr. Gaul was warmly thanked for his address.

Monmouthshire.—The annual meeting of the Monmouth-

Monmouthshire.-The annual meeting of the Monmouthshire County Pharmaceutical Association was held at Newshire County Pharmaceutical Association was held at Newport on November 15, when the following officers were appointed for the ensuing year: President, Mr. F. Clarke, Bedwas; Vice-Presidents, Mr. H. O. Thomas, Abersychan, and Mr. F. W. Evans, Cwmfelinfach; Treasurer, Mr. A. Sumption, Blackwood; Seerctary, Mr. B. Thomas, Cwmbran. The statement of accounts was passed, showing a balance in hand, and the Treasurer was directed to forward one guinea each to the Benevolent Fund and the Monmouthshire Prisoners of War Fund. It was decided to increase the Association's subscription to 7s. 6d. per annum, the Association to be then responsible for the 2s. 6d. levy of the South Wales and Monmouthshire Federated Associations.

North of Ireland.—The annual meeting of the North Irish Pharmacists' Association was held in Ye Olde Castle, Belfast, on November 7, Mr. Crail (Vice-President) in the chair. There was a full attendance of officers and members, including Messrs. S. Fleming, A. Wilson, D. Henderson, A. Morris, H. Todd, W. R. Browne, H. F. Moore, James Tate, James Guiler, J. Hewton, W. J. Rankin, jun, S. J. Hudson, S. Hogg, Thos. J. May, J. A. Stewart, J. Adams, H. D. Heazley, S. R. Cleland, Geo. Hawthorne, J. W. McDowell, J. C. Culbert (Hon. Treasurer), and James Dundce (Hon. Secretary). Apologies from Messrs, I. W. Dundee (Hon. Secretary). Apologies from Messrs, I. W. Nicholl (President), Wm. Hanna, J.P., D. Kirkpatrick, R. J. Edwards, and Roden Johnston. Satisfaction was expressed at the Treasurer's report, which showed a good balance to credit, while the report of the Committee on the year's work, read by the Hon. Secretary, was evidence the year's work, read by the Hon. Secretary, was evidence of an active and successful year, and occasioned favourable comment. The following subjects, among others, were dealt with: The Information Bureau for sale and exchange of out-of-the-way drugs and proprietaries; a "Black List"; minimum retail price-list for drugs; early-closing co-operation with allied societies, especially Dublin Retail Drug Association; tuberculosis dispensing; formation of a drug club. A discussion ensued. The following officers were elected for 1917-18: President, Mr. I. W. Nicholl: Vice-Presidents, Messrs. R. W. McKnight, Wm Hanna, J.P., James Dundee, J. E. Connor, H. Crail, and Huston Lancashire; Hon. Secretary, Mr. J. C. Culbert, Connswater; Hon. Treasurer, Mr. A. Wilson, Albertbridge Road; Committee, Messrs. Henderson, Stewart. Murray, Fleming, McDonald, Hogg, Bingham, Hewton, Todd, and Adams; Representatives on Joint Pricing and Early Closing Committee, Messrs. Henderson, Stewart, Murray, Fleming, and Culbert. Some slight alterations were made in the rules mutter, Messrs. Henderson, Stewart, Mutray. Fleming, and Culbert. Some slight alterations were made in the rules and a new rule added, providing that a member absent for three consecutive meetings of Committee automatically vacated his position, and his place is to be filled by the Committee by co-option.

Ucal Lodge of Pharmacy.-The annual meeting was held at the Arundel Hotel on November 15. After the held at the Arundel Hotel on November 15. After the report and balance-sheet were presented and adopted Mr. C. W. Matthews, Fortess Road, N.W., was unanimously elected *President*. The four retiring members of the Committee were re-elected. The remaining business comprised the report of the Ucal Federation, which was formed in September last, and the adoption of new title, so that the London Ucal Lodge will be known in future as Ucal Federation London Branch. Owing to increased expenses the subscription was raised to 48 per annum subscription was raised to 4s. per annum.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have railway carriage, freights, cartage, and other charges. The foregoing and other incidental outlay! prevent retail buyers purchasing at the market prices quot /

42 Cannon Street, E.C. 4, November 22, 3 p.m.

A RATHER better tone has prevailed in the chemical and drug markets this week, with values well maintained. Arrivals have been on a larger scale than usual during the past fortnight, but, as the goods are wanted and the prime costs high, there is not likely to be any easing in values. Among chemicals, potash bromide is rather dearer, and our New York cable to-day announces a 10 cents advance in sympathy is firmer. Benzoates maintain their upward tendency. Tannic acid and acetanilide are rather dearer. Soda salicylate is easier, and salicylic acid is unchanged; mysterious cheap offers of phenacetin to come forward are still being made at low prices, but doubts are expressed as to their genuineness. Phenolphthalein, saccharin, and benzonaphthol are easier. Copper sulphate is dearer, while soda ash and bicarbonate of soda have been selling at higher prices in second-hands. Crude drugs are quict, ipecacuanha being steady. Among seeds, canary continues to advance, caraway is extremely scarce and dear, coriander and dill are firm, cumin slow, fennel steady, and fenugreek un-changed. Spices remain firm generally, with cloves slightly easier. Shellac and turpentine are both dearer on tho

${f Higher}$	Firmer	, Easier
Formaldehyde Mace Potash bromide Shellac Tannic acid Turpentine	Acetanilide Agar-agar Arrowroot Camphor (Jap. slabs) Cassia oil Copper sulphate Hexamine Vanillin	Benzonaphthol Calcium lactate Menthol Phenolphtbalein Saccharin Soda salicylate Wax, bees'

Cablegram.

New York, November 22. — Business in drugs and chemicals is fair. All iodine preparations have been advanced. Resublimed iodine is now \$4.25. Iodoform is \$5.00 and potassium iodide \$3.75. Bromides have all been advanced 10c. per lb. Chloroform is also dearer at 70c., and benzoic acid and benzoate of soda have also been advanced to \$2.75. Salol is dearer at \$1.50.

ACETANILIDE.—The price in U.S.A. has suddenly improved, and spot prices, which are relatively cheap, are now from 3s. 9d. to 4s. per lb.

ACETIC ACID.—Imports remain prohibited, and very small lots only are being released.

AGAR-AGAR is firmer, with sales of No. 1 strip at from

AGAR-AGAR is firmer, with sales of No. 1 strip at from 2s. 8d. to 2s. 9d. on the spot.

ALOES.—The exports from the Union of South Africa during August amounted to 166,784 lb. (1,427l.), against 11,699 lb. (123l.) in August 1916. The total for the eight months ended August 1917 is 411,437 lb. (3,858l.), against 727,524 lb. (6,892'.) for the corresponding period of 1916.

Anse Oil, Star.—The spot market remains steady at 4s. 6d. per lb. for "Red Ship"; and to arrive, November-December shipment, 4s. 3d. c.i.f. is quoted. About 400 cases have arrived this week.

Arrowroot.—The sales include 1,200 barrels St. Vincent at from 5\frac{3}{2}d. to 6\frac{3}{2}d. per lb. for good to fine manufacturing.

at from $5\frac{3}{2}d$. to $6\frac{3}{4}d$. per lb. for good to fine manufacturing.

Aspirin.—The recent slightly easier feeling appears to be due to overstocked dealers wishing to lighten their holdings, there being no evidence to show that raw materials are any cheaper.

BARBITONE is getting very scarce, and is worth 120s. to

125s. per lb. net.

Benzoates.—The recovery in prices still continues, the value of benzoic acid on the spot being 13s. and sodium benzoate 12s. 6d.

Benzonaphthol is cheaper at from 52s. 6d. to 55s. per lb.

net, and to come forward 38s. is quoted

BERGAMOT OIL is steady on the spot at from 21s. to 21s. 6d.

BISMUTH.—The official quotation remains at 11s. per lb. nominal, the market being under rigid Government control, while requirements, chiefly for medicinal preparations, continue on a very large scale. Arrivals of the metal from Boliregular. That country's production represents about 85 to 90 per cent. of the world's total output. Considerable difficulty is being experienced in securing supplies by the trade,

even at prices ranging up to about 16s. per lb.

Bromides are rather dearer, particularly as regards potash, which is about 3d. per lb. higher, the makers' quotation for crystals in cwt.-lots now being 6s. 9d. and granular 6s. 6d. net. Ammonium is 5s. and sodium 3s. Potash is still below the parity of American prices; on the other hand, soda and ammon, are somewhat above the IIS perity. In second, hands business can be done party. U.S. parity. In second-hands business can be done, particularly in soda and ammon., at slightly below these prices. Although it may be premature to express any definite opinion, the present move may be the beginning of a steady recovery. At the moment potash is the scarcer salt.

BUCHU.—The exports from the Union of South Africa during August 1917 amounted to 2,487 lb. (348*l*.), against *nil* in August 1916. For the cight months ended August the total is 121,494 lb. (19,696*l*.), against 107,339 lb. (17,399*l*.)

in 1916.

CALCIUM L'ACTATE is offered at from 7s. 6d. to 8s. per lb. on the spot.

CAMPHOR (REFINED).—Japanese slabs on the spot are firmer at 3s. 9d., and sales of $\frac{1}{4}$ oz. tablets have been made at 4s. 3d.

CANARY-SEED continues to advance in price; 125s. per quarter has been paid for good Morocco.

CAPSICUMS.—At auction 150 bundles Bombay offered, and

55 fair medium stalky sold at 44s. CARAWAY-SEED is extremely scarce and dear; a small lot of Morocco seed, very stalky, sold at 200s. per cwt.

CASSIA BUDS.—At auction 200 cases offered and sold at

73s. for fair.

73s. for fair.

CASSIA LIGNEA.—At auction 400 cases fair selected sold at 77s. 6d. and 500 bales good broken at 67s. to 68s. In prize. 146 cases lying at Grimsby sold at 76s. to 77s. for fair selected and 249 bales broken at 60s. to 65s.

CASSIA OIL.—Holders are asking from 6s. 3d. to 6s. 6d. per lb. for 80 to 85 per cent. c.a., being dearer.

CASTOR OIL.—Nothing appears to be available in the open market, and probably 1s. 6d. per lb. would have to be paid for pharmaceutical quality in cases, if obtainable.

CHIORAL HYDRATE is becoming scarce, as makers are sold ahead for some months to come.

CINNAMON is firm, Ceylon firsts offering at 3s. 9d., seconds

at 3s. 6d., thirds at 3s. 3d., and chips at 1s. 3d., all spot.

CINNAMON is firm, Ceylon firsts offering at 3s. 9d., seconds at 3s. 6d., thirds at 3s. 3d., and chips at 1s. 3d., all spot.

CITRIC ACID.—We understand from a very reliable source that the Italian Government are about to advance the price of the raw material by about 60 per cent. The London spot price of citric acid is from 3s. 2½d. to 3s. 3d.

CLOVES are quiet, with fair Zanzibar offering at from 1s. 10½d. to 1s. 11d. per lb. on the spot.

COPPER SULPHATE has shown some irregularity, certain makers having quite recently booked orders rather cheaply for Ireland for the earlier part of next year or at prices.

makers having quite recently booked orders rather cheaply for Ireland for the earlier part of next year or at prices equivalent to a few nounds less per ton than those quoted in the merchant trade in connection with export business. Preliminary preparations and inquiries have been made in connection with the new home season, and it is understood that arrangements in the latter direction will be discussed with the Board of Trade officials over the week-end. The fact that the export demand is at the moment quiet is chiefly due to the very few permits issued. Home requirements are now quite treble as much as they were in prewar times. Quotations for early delivery or shipment range war times. Quotations for early delivery or shipment range from about 67l. 10s. to 68l. f.o.b. Liverpool, the market being very bare of sellers.

CORIANDER-SEED is firm at 85s. per cwt. for fair Morocco. At auction 90 bags East Indian offered and 10 sold at 60s.; 100 bags Morocco character were bought in at 85s. 6d., COTTONSEED OIL.—The American Government has forbidden the export from the United States of America to

any destinations except under licence. If cottonseed oil is bought by British firms without previously obtaining authority the export will not be allowed.

CUMIN-SEED is slow of sale at 67s. 6d. per cwt. for sifted

Morocco.

DILL-SEED is firm, with business at 59s. per cwt. on the

Fennel-seed is steady, with sales at 55s. per cwt. c.i.f. terms for shipment from India.

Fenugreek-seed is unchanged, with sellers at 47s. 6d. per

cwt. for fair Morocco.

FORMALDEHYDE.-Prices have again improved in the U.S.A. and spot values have accordingly advanced to 132s. 6d. to 135s. per cwt.

Chief. Steady at auction; 420 packages Cochin and Calicut offered and 281 sold, including fair washed rough Cochin at 67s. 6d. and bold brown rough Calicut at 65s.; 100 bags Sierra Leone were bought in at 60s.

GUM ACACIA is quiet, with fair Kordofan sorts offering at 85s. and cleaned at 90s.

HEXAMINE is firmer, in sympathy with formaldehyde, at from 4s, 9d. to 5s. per lb. net on spot.

IODINE PREPARATIONS.—The following are further particulars of the makers' new prices. Potassium iodide in not less than 1-cwt. lots in one delivery, 13s. 10d.; 28 lb., 14s. 1d.; 14 lb., 14s. 4d.; and smaller quantities, 14s. 7d. Sodium iodide, not less than 28 lb., 15s.; 14 lb., 15s. 4d.; and smaller quantities, 15s. 8d. Resublimed iodine, 28 lb., 16s. 4d.; 14 lb., 16s. 7d.; and smaller lots, 16s. 11d. Iodoform, 28 lb., 19s. 2d.; 14 lb. 19s. 6d.; and smaller lots, 16s. 11d. Iodoform, 28 lb., and cash, without engagement.

IPECACUANHA is steady, with Matto Grosso offering at from 11s. 6d. to 12s. and Cartagena at 11s.

MACE.—Dearer at auction, 31 cases ordinary flat red Singapore selling at from 3s. 8d. to 2s. 10.7

11s. 6d. to 12s. and Cartagena at 11s.

MACE.—Dearer at auction, 31 cases ordinary flat red Singapore selling at from 3s. 8d. to 3s. 10d.

MENTHOL is quiet and the turn easier at from 13s. 3d. to 13s. 4½d. for Kobayashi-Suzuki on the spot; while for parcels afloat business has been done at 12s. 9d. c.i.f. The exports from Japan during August amounted to 10,967 kin, valued at 65,386 yen. During the eight months ended August the exports were as follows:

Kin Yen	235,467 1,303,131	1916 276,034 1,750,318	172,178 1,102,863
he destination	s were as foll	ows':	
		915 1916 Kin Kin	1917 Kin
British Indi		5,588 9,421	6,584

	1910	1910	1311
	Kin	Kin	Kin
British India	16,588	9,421	6,584
Great Britain	47,010	107,163	17,241
France	37,162	60,338	2,722
United States	112,516	88,838	132,230
Other countries	22,191	10,274	13,401
000000000000000000000000000000000000000			
	235,467	276,034	172,178
	200,101	-1.0,001	_,_,_,

METHYL SALICYLATE is offered at 4s. 6d. net to arrive,

being slightly higher.
PALMAROSA OIL.—The spot value is about 17s. per lb., and

16s. to come forward.

Palm Off.—There is a rather acute scarcity, and even small lots are difficult to buy at fancy figures over the maximum price, or up to about 58s. 6d. per cwt. for best bleached oil. Of course, for small retail lots the price regulation does not apply. For parcels coming within the scope of the Order the maximum price is easily obtainable, as imports are more difficult than ever. The fact may be mentioned that a good deal of palm oil is being used in the manufacture of timplates, but in view of its growing scarcity substitute material such as nitre-cake has had to scarcity substitute material such as nitre-cake has had to be resorted to.

PEPPER is steady, with fair black Singapore offering on the spot at 1s. 3d. to 1s. 3½d., fair Tellicherry at 1s. 4d., and Alleppy at 1s. 3½d. Singapore white is 1s. 8½d., and Muntok is 1s. 9d.; at auction 100 bags Siam were bought

in at 1s. 81d.

PEPPERMINT OIL.—Sales of American H.G.H. have been made at 22s. 6d., London terms.

Pentegram Oil.—Sales of South American have been made at 14s. 6d. per lb. net.

made at 14s. 6d. per lb. net.

PHENACETIN.—Several cheap offers are still being made for forward delivery, but it has to be recorded that default has been made on contracts for delivery, and that the spot price in New York (\$8.50) is much above these mysterious offers. The London spot price is about 45s.

PHENAZONE is still offered at 55s. net on the spot, which price can be shaded by dealers who hold cheaper stocks.

PHENOLPHTHALEIN.—Sales have been made at 68s. net on the spot, and forward delivery is offered at 58s., being slightly easier.

slightly easier.

PIMENTO.—At auction 434 bags (in prize) lying in Liverpool sold at 37d. per.lb.

pool sold at 56d. per, lb.

QUICKSILVER is very firm, although there is no apparent change in the quotations, the most reliable figure being 20l. 10s. per bottle, at which orders strictly understood to be for war work may be booked against a Ministry of Munitions permit. The husbanding of resources is absolutely imperative; while the question of freightage is very complex under the difficulty of transport. The fact deserves notice that our last month's imports (according to the Board of Trade Returns) were a mere bagatelle (25 bottles). Board of Trade Returns) were a mere bagatelle (25 bottles), against 836 last year, so that the total for the ten months amounts to 23,977 bottles—a shortage of about 9,400 bottles compared with the same period last year.

ROSIN has shown a considerable advance in values lately,

ROSIN has shown a considerable advance in values lately, and only small parcels offer. Common strained is unobtainable, and "G" grade and "water-white" offer in very small lots only at 48s. 6d. and 51s. per cwt. respectively. SACCHARIN.—Spot parcels of 550 strength are obtainable at from 375s. to 380s. per lb. net, duty paid, according to seller, but the demand is quiet and the tone easier. Stuff affoat is offered at 360s. net, and for shipment from America prices vary considerably. as low as 250s. being quoted for March March.

SALICYLATES.—The tendency of phenol in the U.S.A. is towards higher prices owing to Government requirements, so that there may be some restriction on the output of salicylates. At the moment, however, easier quotations for American sodium salicylates are current in several quarters, 7s. 3d. being quoted for parcels to come forward and 7s. 6d. on the spot. Salicylic acid is still quoted 6s. 3d. to 6s. 6d. on the spot. Present prices may be regarded as moderately low, and do not involve much risk to the purchaser.

SENEGA. - Spot sales have been made at 4s. 3d. net. SHELLAO again shows a substantial advance, usual TN Orange quality closing at 325s. per cwt. nominally, but business is small, the higher prices checking business. Futures are also dearer.

SODA BICARBONATE.—Spot sales have been made at 22s. per cwt. from second-hands, being dearer.

SPIKE-LAVENDER OIL.—Sales of Spanish have been made at 4s. 6d. per lb. on the spot.

TURPENTINE is dearer, the spot price on Wednesday closing at 100s. 3d. per cwt.

Vanillin.—From 60s. to 63s. per lb. represents the spot

French Essential-oil Market.

ANETHOL, 22 to 24 per cent., of French make, is 24 to 25fr. per kilo.

ANISE OL, STAR.—Tonkin is available at 15fr. Marseilles, duty paid; no "Red Ship" or Chinese goods are offered.

BENZOIN (SIAM).—A few cases have reached here; sellers are asking 7fr. for well-flavoured small almonds and 13fr.

for large almonds. CANANGA OIL is 58fr., but there is no demand.

CASSIA OIL is very scarce, at 23fr. for 70 to 80 per cent. CEDARWOOD OIL is very scarce, holders asking 7.50fr. to 8fr., no freight being available from the U.S.A.

CIVET (ABYSSINIAN). - Some second-class horns are offered at 325fr.

at ozorr.

CLOVE OIL is very dear; holders are asking 52 to 54fr. for genuine oil 90 to 92 per cent.

GERANIUM OIL (ALGERIAN) is dearer at 52.50fr. per kilo. There is no news from the Isle Reunion; on spot it is a little easier at 50fr.; new crop is expected in a month or so, and lower prices are anticipated.

LAVENDER OIL is firm without any great demand at from

LAVENDER OIL is firm without any great demand at from 45fr. to 50fr. for first-class oil.

LINALOE OIL (MEXICAN) is not offered; 45fr, is the nominal

Musk (Tonkin).—Thirty catties of usual thin skin are expected in Marseilles. The lot contains 80 per cent. pile 1 and 20 per cent. pile 3; holders are asking 2,100fr. per

ORRIS (FLORENTINE) is 210fr. delivered; a further rise is anticipated owing to the Italian situation.

PATCHOULI OIL.—Owing to want of freight for leaves and no further arrivals of American and English oils there is no quotation; 350fr. to 400fr. is asked for small parcels still in stock in France.

PETTGRAM OIL (TUNIS).—A very good quality is offered at 43 to 45fr., and sells easily. Paraguay oil is very scarce. Spike-lavender Oil.—Owing to lack of labour the French crop has been very small; 15fr. is quoted for pure.

London Commercial Sale Rooms.

The Board of the London Commercial Sale Rooms has of late been considering the advisability of changing the name of the institution in order to indicate more truly the posi-

tion and character of the subscription rooms as the ex-change for Mincing Lane. While Mincing Lane is known the world over as the London centre of the produce-markets, "The London Commercial Sale Rooms" are scarcely known beyond the limits of the immediate Mineing Lane circle. The présent title is descriptive of the auction rooms only, not of the subscription rooms as an exchange, and with the view of more closely identifying the title with the importance of the trade carried on, the Board proposes that the title shall be changed to "The Mineing Lane Produce Exchange and Sale Rooms." The directors hope that the project, which will undoubtedly be of advantage to the institution and members, meets with approval. The Adviinstitution and members, meets with approval. The Advisory Committee has concurred, and the assent of the shareholders is to be asked.

Arrivals of Chemicals, Drugs, etc.

THE following arrivals have taken place at the Ports of London and Liverpool:

To London.
(Nov. 3 to 9.)
Almonds, bitter, 50 bgs Alumina hydrate, 100

bris,
Ammon. phosph., 138
cks. 138 bris.
Antim. reg., 105 tons
Asthma cure, 10 cs.
Baking powder, 750 Baking powder, pkgs.

Balsam peru, 3 cs Belladonna root, 19 bls Bromides: potash, 10 cs.; sodium, 60 cwt. Bronze powder, 30 cs. Butter colouring, 60 cks.

Camphor, 127 cs.
Camphor, 127 cs.
Carbon, black, 200 cs.
Cascara sag., 100 bgs.
Cascarilla 26 bls.
Charcoal, wood, 500.
Chemical prod., unrated, 26 drms. 40 kgs. 49 cs. 3 pkgs. and 1744.

Cinchona, 33 cs. Copaiba, 10 cs. Coumarin, 2 cs. Cream of tartar, 20 cks. Cubebs, 17 cs. Dental goods, 64l

Drugs, unrated, 331. 61 pkgs. 3 cks.; leaves, pkgs, 3 cks.; leaves, medicinal, 169 bls.; dried roots, 22 bls.; herbs, dried, 62 bls. Dyestuffs, unrated, 175 cs.; logwood ext., 20 brls.; myrabolans, 7,201 pockets, 616 bgs. 3,937 pkgs.; tanners' bark, 22 tons. Formus, acid. 28 chys.

Formic acid, 28 cbys. Fusel oil, 1,440\(lambda\). Gallic acid, 5 brls. Galls, 680\(lambda\). Gelatin, 336l. Glycerin dist., 715l. Glycerophosph. lime, 1

Guaiacol carb., 1 cs. Gums and resins (cwt.): acacia, 298; Chile, 33; copal, 20; kauri, 472; olibanum, 125; sandarac, 331

Heliotropine, 11 cs. Insect flowers, 25 bls. Insect flowers, 25 bls. Iodine, 316 kgs. Isoeugenol, 50%. Magnesite, 7,315%; caustio calc., 1,075%. Mineral jelly, 1,500 cs, Menthol cones, 8 cs. Methyl salicyl. 41 cs. Wilk sugar, 150 cs.

Milk sugar, 150 cs. Musk ketone, 441. New skin, 631. and 6 cs. Nuts and kernels (cwt.):

cashew, 148; copra, 29,380; palm-kernels 320

abandoned.

Nux vomica, 258 bgs. Oils, essential, 301 cs. Olis, essential, 501 cs. 4 pots, 4 drns. 8 cks.; anise, star, 75 cs.; synthetic oils, 23 cs. Oils, fixed: arachis, 12,412 cs.; coconut, unref., 44 cks. 1,549

pkgs. 211 pps. 5 hds.; fish, 8,750 cs.; rape, 8,430 cks. 1,500 cs.; soya, 2,100 cs.; wood, 860l. Orris, 29 pkgs.

Perfumery, unrated, 10l. Perfumery water, 265l.; toilet powder, 6911. Potash iodide, 60 cs.

Quinine, 65,000 oz. Rosin, 3,200 brls. Safrol, 26 cs.

Sairol, 26 cs.
Sal hepatica, 4 cs.
Salol, 20 kgs.
Saltpetre, 14,857 cwt.
Sandalwood, 126 bdls.
Seeds (bgs.): anise,
943; caraway, 31;
coriander, 341; cotton. 150 tons: cumin. ton, 150 tons; cumin, 917; fenugreek, 216; lin, 62,759 bgs. 200 tons; rape, 3,671

Serums, 135%. Soda hyposulph.10 tons Soda salicylate, 28 cwt. Soda sulphite, 20 cwt. Soda, unrated, 40,006 cwt.

Sponge, 20 bls. Starches (cwt.): 8,694; dextrin, 740; farina, 1,160; maize, 3,153; potato flour, 7,203; rice powder, 500 Sticklac, 425 cwt. Surgical dressings, etc.,

1031. and 25 cs. Talc, 951. Tallow, unref., 6,685

cwt.
Tanglefoot, 906 pkgs.
Tartaric acid, 38 pkgs.
Theobromine, 1 cs. Thorium nitrate, 2,100%; cerium nit., 211. Trypsogen, 1841. Turmeric, 120 bgs. Turpentine, 600 brls.

Vacuum flasks, 255l. Vanilla, 45 cs. Verdigris, 2 cks.
Wax, not described,
1,065 bgs. 362 pkgs.
329 cs. Wax, paraffin, 8,779

Zinc oxide, 250 brls.

To Liverpool.
(Nov. 5 to 10.)
Albumen, 120 cs.
Argol, 1,147 bgs.
Bleaching powder, 345

Bromides: sodium,1 kg. Bronze powder, 8 cs. Calcium cit., 86 cks. Celluloid, 3,7371. Cream of tartar, 96 cks.

Chemical products, un-rated, 2,490 brls. Dental goods, 54t.
Drugs, unrated, 10t.
207 pkgs. 33 bls. 10
bxs. 90 bgs.

bxs. 90 bgs.
Dyestuffs, unrated, 49
brls. 2 cs.; chestmut
ext., 537 cks.; cutch,
900 bxs. and 450.;
dye extract, 90 brls.
50 cks.; fustic ext.,
140 brls.; logwood,
140 tons; logwood,
140 tons; logwood,
270 cks.; myrabolans, 3,106 bgs.
7,096 pockets; quercitron ext. 1.000 bxs.; 7,096 pockets; quer-citron ext. 1,000 bxs.; sumach, 4,406 bgs. 100 bls.; tanning ext., 500 brls. Formic acid, 360 crts. Glycerin, ref., 14 drms. Linglass, 8 cs. 8 bgs. Linguage, blice by 12 cs.

Liquorice-juice, 142 cs. Lithopone, 623 bris. Mineral white, 200 bgs. Nuts and kernels (bgs.):

arachis, 8,218; palm-kernels, 38,081, 475 tons Oils, essential, unrated:

197 cs. 3 drms. 20 crts.

Oils, fixed: castor, 275 cs.; cod-liver, 2,400%; palm, 2,682 cks. 8 hutts.

Petroleum jelly, 360 brls. Pumice-stone, 17 tons

100 bgs. Quicksilver, 2 cwt. Rosin, 10,325 brls. Salicylic acid, 36 brls. 5 kgs.

o kgs. Saltpetre, 1,750 tons, 1,870 bgs. Seeds (bgs.): cotton, 8,260; dhal, 273; lin, 8,303; rape, 1,296

Soda chlorate, 500 kgs. Soda nitrate, 10,851 bgs.

bgs.
Starches (bgs.): 50;
dextrin, 1,075
Talc, 2,417 bgs.
Tallow, 941 cks.15 pps.
Tartaric acid, 13 cks.
Thorium and cariums

Thorium and cerium nit, 28 cs.
Turpentine, 6,402 brls.
Tallow, 284 cks.
Vanilla, 2 cs.

Wax, carnauba, 299 bgs. Wax, paraffin, 10,672 bgs.

TEA SUBSTITUTES .- A question was asked in the House of TEA SUBSTITUTES.—A question was asked in the House or Commons on November 1 regarding maté as a substitute for tea, but the reply of the Parliamentary Secretary to the Ministry of Food was that there does not appear to be any quantity of maté in this country. Small parcels of it were imported some years ago, but it never passed into general consumption, and its importation was consequently shandared.

Index Folio 1009



Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

B.P. Codex Addendum.

SIR,-In your editorial article dealing with the Addendum to the British Pharmaceutical Codex recently published by the Pharmaceutical Society, you refer to the statement by the Pharmaceutical Society, you refer to the statement in the preface that the Addendum has been prepared by the Society's Codex Sub-Committee, and warn your readers against "following blindly" what you are kind enough to term "the combination of talent" of which that Sub-Committee consists. We shall be glad if you will allow us the hospitality of your columns to state that though members of the Codex Sub-Committee, we are not part authors of this Addendum to the Codex, and therefore must authors of this Addendum to the Codex, and therefore must disclaim the share of responsibility for its production which would naturally be inferred from the statement in the Yours faithfully, preface.

CHARLES ALEX. HILL. JOHN C. UMNEY.

A Member of the Scientific Advisory Committee (19/17) writes that so far as he is concerned the Scientific Advisory Committee of the Pharmaceutical Society is only a paper Committee. "It has never met, or, rather, I have never been summoned to a meeting."

[The statement in the preface of the B.F. Codex Addendum

is as follows:

The "Addendum," which is published under the direction and by the authority of the Pharmaceutical Society, has been pre-pared under the auspices of the Scientific Advisory Committee by the Pharmaceutical Society's Codex Sub-Committee, etc.

One of the names that follow is that of a medical man who, it is understood, has been for over a year on war duty

in a distant part of the Front.—ED.]

Ajax (32/19) writes: "Glycerin of borax containing neither glycerin nor borax is surely the limit, and yet this, you and Mr. Bennett tell us, is what is seriously proposed in the B.P.C. Addendum. I have not yet seen this precious publication, but I suppose I shall require to invest in a copy in order to be in a position to dispense the new glycerin of borax, et id genus omne, with intelligence and accuracy! The issue of these 'W.E.F.' under the titles of the B.P. galenicals they are intended to replace argues of the B.P. galenicals they are intended to replace argues an extraordinary lack of imagination on the part of the men responsible for the work. It would surely have been a simple matter to supply new titles, or even to coin new words, and to issue the formulas with the instruction (endorsed by the G.M.C.) that when any of the prohibited galenicals is prescribed the substitute is to be dispensed in its stead. This would have kept everything perfectly legal, and no danger of breaking any law would have arisen."

About Sanatogen.

SIR, -Does Mr. Asquith, of Genatosan, Ltd., mean seriously to suggest that no British manufacturer, having the patent specification of sanatogen before him, can produce a caseinglycerophosphate food as efficacious as sanatogen? Nobody disputes the merits of the sanatogen made by Genatosan, Ltd., who acquired the plant of the German manufacturers, but one cannot understand why the company makes innuendos against other British manufacturers who put a casein-glycerophosphato food on the market and claim for it the virtues of sanatogen.

Your struly,

STREEL CLASS (18A/23)

Profits on Proprietaries.

SIMPLICITAS. (184/23.)

SIR,—It is a pleasure to debate a subject with one like "MacJ.," who supports his arguments with facts and "MacJ.," who supports his arguments with facts and figures which are helpful. If any disagree with my views I invite their outspoken criticism; it is the only way to Invite their outspoken criticism; it is the only way to get some definite result. In Mr. Hugo Wolff I have to deal with a rare chemist and philanthropist, to whom net profit is a secondary consideration, and one who is content to accept any terms of service dictated to him by proprietors and the Proprictary Articles Trade Association. In the interest of the trade I asked a simple question, What is the net profit to a chemist on the sale of 1,000% worth of patents at P.A.T.A. prices? Mr. Wolff does not answer that question, but suggests that with better business ability I could make as handsome a profit as he pretends to do. I could make as handsome a profit as he pretends to do. I agree it does not need a genius to buy or sell patent medi-

cines, hence they should be handled by unskilled cheap labourers, if they can be found. Like many chemists, I suspect Mr. Wolff sets no value on his own services or his establishment, which, he says, is kept open for the benefit of the public. So long as proprietors can find a cheap market-place on such easy terms, and at little or no cost to themselves, no one can blame them for fixing high prices for their goods and low profits for the retailers. The real beap of contention lies between gross and not profits prices for their goods and low pronts for the retailers. The real bone of contention lies between gross and net profits, and the fallacy of believing that the difference between buying and selling prices is the sum the retailer earns for his labour. This delusion has been so freely propagated that we now have another form of sporting or spurious profit. I refer to the bonus system, whereby the retailer is induced to act or advertising count and give sterling profit. I refer to the bonus system, whereby the retailer is induced to act as advertising agent and give sterling value in the form of window-space for a few shillings' worth of the goods in lieu of cash; Worse still, he is asked to believe that by this means he may get anything from 25 per cent. to 30 per cent. profit. Without an annual stocktaking and writing off "stickers" and depreciation it is impossible to know the profit on the business as a whole, but a very fair idea of the net profits on patents can be easily reckoned by selecting fifty or sixty of the best-selling articles, A to Z. Put down the net cost per dozen in one column and the P.A.T.A. prices in the other. This will work out at about 20 per cent. gross, and if we dozen in one column and the P.A.T.A. prices in the other. This will work out at about 20 per cent, gross, and if we allow that 15 per cent. is a low estimate for the overhead working of a chemist's business the net profit will be apparent.

Yours faithfully,
J. J. JACKSON.

Hereford. (Chave & Jackson, Ltd.).

SIR,-I noticed in your journal some correspondence about discount on proprietaries to the trade, and it seems to me that the discussion is confined to a narrow groove. Most business people look rather at the amount of the turnover than the discount. I, in my capacity as managing director of two manufacturing companies, have to fix prices all day, and I generally go upon what the transactions are the companies of the companies prices all day, and I generally go upon what the transaction amounts to in fixing the percentage of profit. On some things we handle we are quite content to get 2½ per cent.; others, again, we should not do under 10 per cent. or 15 per cent. at times. This view does not appear to have entered into calculation as seen in your columns. On a box of pills or ointment retailed at 1s. I think 33½ per cent. or pills or ointment retailed at 18. I think 33g per cent. is none too much, and we are also pretty well aware that the many manufacturers can afford to give this on such articles; but when it comes to foods for invalids the proprietors would not be justified in anticipating a tax to this extent and processor, foods governly are marketed at a prietors would not be justified in anticipating a tax to this extent; and, moreover, foods generally are marketed at a higher rate. It so occurs that I am chairman of a company manufacturing a proprietary food. The sizes we pack are 2s. and 4s. 6d., but sales are confined mostly to the larger size. Our terms provide for 20 per cent, to the retail trade, so that a 4s. 6d. tin sold at retail carries with it a profit to the trade of 10\frac{3}{2}d., to be exact. Surely that is sufficient for a single transaction, and if more profit could be given we should have to nut the price on the consumer. sufficient for a single transaction, and if more profit could be given we should have to put the price on the consumer, and I do not think it is necessary; in fact, foods generally do not carry this profit at all. A grocer would not be allowed to charge anything like it; why, then, should the chemist want so much? I have seen foods advertised in your journal offering the equivalent of 100 per cent. profit to the trade and I have seen induments of this line. the trade, and I have my views on inducements of this kind to influence business. I maintain that 1s. 6d. on a 4s. 6d. article of food is a great deal too much profit, and would constitute an altogether unjustifiable burden on the sick, and perhaps in many cases too heavy for them to bear.

Yours truly,
24/26 Holborn, London, E.C. 1. W. Shepperson.

SIR,—I desire to express my gratitude that you have opened your columns to another discussion of this subject, and that you have printed the excellent letters of "MacJ." and Mr. Hugo Wolff. The straightforward, incisive method of, controversy has great advantages in a matter of this kind. We need two things—clear thinking and bold action. In our turnover we need, roughly, 40 per cent. profit. But the trade is not homogeneous, and the profit must vary accordingly. I should like 40 per cent. all round, but that is simply an idle dream at present. May I suggest as practical present-day politics;

(a) 20 per cent. on foods;

(b) 25 per cent. to 30 per cent. on quick-selling, heavily.

advertised medicines;

(c) 331 to 40 per cent, on toilet and luxury articles? (c) 35½ to 40 per cent, on toilet and luxury articles? The prices and profits should in every case refer to ordinary dozen purchases through wholesale sources. Window and quantity allowances should receive extra consideration. It is intolcrable to have to buy four times as much stock as you require in order to secure a decent margin. Next; we want a fighting organisation to enforce our just claims. The Proprietary Articles Trade Associa-

tion has probably done all that negotiation will accomplish. Let us organise for the definite object of obtaining tho profit which is our just due. The retail world of pharmacy to-day is much better equipped for the struggle than ten years ago, and hundreds of pharmacists have profitable articles in stock bearing brand names that they have popularised which will fill any temporary gaps. May I suggest a Retail Pharmacists' Union or Alliance with a paid organism? Each month issue a list of contain articles on organiser? Each month issue a list of certain articles on which attention should be focussed thus:

Section B. Cost Price Selling Price Profit s. d. ... 1 2 ... 1 2 s. d. 1 3 1 3 Blank's Ointment 63 Lozenges Cough-mixture 0 101 īŏ

A little vigorous organisation would soon enrol a membership of three thousand of the keenest retail pharmacists, and then peaceful negotiations could begin, with a hint and then peaceful negotiations could begin, with a hint of stern measures to follow if necessary. A quiet intimation to a firm of heavy advertisers that 3,000 retailers would cease to be interested in their products unless justice were done by a certain day would have a marked effect. One more word. The most successful soap-manufacturer of our day revolutionised the home trade of Vinolia and A. & F. Pears, Ltd., by measures of swift justice to the retailer. His generosity has amply repaid him. Some other manufacturers would be wise to follow the same path—it may be too late five years hence.

Yours faithfully,

Camberley.

J. W. Todd.

SIR.-Will "MacJ." tell us how he makes up his total of expenses? I can say nothing of businesses returning over 2,000l. per annum, as I have not been fortunate enough to own one, but I have had several doing less, and would point out that in a business doing 1,500l. per annum the expenses should in no case exceed 250l. and, in normal times, less. It would be very instructive if some of the thousands of chemists who do not do more than 1,500l. per annum would tell us how they make both ends meet on 3l. per weck, as I find that, with three children, in spite of rigid war-time economy, it costs us 6l. per week to live at the present time. I am afraid that some of the businesses that "MacJ." has investigated must be "bad eggs." If his figures were correct, half the chemists in the country would be in the bankruptcy court.—Yours faithfully, expenses? I can say nothing of businesses returning over

Patent Medicines at Face Value.

SIR,-From time to time I have in your correspondence columns expressed my views concerning patent medicines being sold at face value. I have no wish to go into the whole argument over again, as I venture to think every statement I have made concerning the advisability of the scheme being adopted has been accepted. Everyone seems scheme being adopted has been accepted. Everyone seems to realise the absurdity of articles being advertised at, say, 2s. 9d. and sold at any price except 2s. 9d. My one reason for bringing up the subject again is that the present time is to my mind most propitious for the subject to be handled in a thorough and drastic manner. Never has there been a time more suitable than now. The public are now so accustomed to changing and advancing prices that were patent medicines sold at face value to-morrow there would not be a single murmur in the whole Kingdom. There is so much money now in the pockets of patent-medicine takers that whether an article is 2s. 9d., 2s. 6d., or 2s. 3d. makes no difference whatsoever—not a bit. I am afraid if the present psychological moment is not taken, no atraid if the present psychological moment is not taken, no such favourable opportunity will again occur. I may not possibly grasp the difficulties of the situation, but it seems to me it would be the simplest and easiest thing in the world for the manufacturers to allow a certain inclusive discount to the wholesaler, and the wholesaler to do the same to the retailer. Not only is the present time more than favourable as far as the buying public is concerned, but it is even more necessary from the trade point of view. The chemist no longer has an experienced staff with the varying and complex prices of patent medicines at its varying and complex prices of patent medicines finger-ends, but a more or less inexperienced and limited one, which has to turn up some multiple company's list for one, which has to turn up some multiple company's list for almost every patent medicine sold, whereas were the face value fixed the price would be the easiest thing in the world, and the inexperienced counter-hand would know exactly the price to be charged, and the public would know the price to be paid. The whole question of all kinds of prices holding, except the one appearing on the article, is manifestly ridiculous and absurd. There is no doubt the campaign with respect to face values that was inaugurated some two or three years ago has borne fruit—more

articles to-day are sold at face value than ever before. May I indulge in the hope that the many manufacturers who read their CHEMIST AND DRUGGIST will see 'their way to consider the simplification of the present chaotic system of patent medicines, and make it a hard-and-fast rule for everything to be sold at face value? "The only one argument so far I have ever heard brought against the system of patents being sold at face value is that multiple shops would no longer be able to show the apparent (distinctly more apparent than real) advantage of selling something at a price below that printed on the article. I trust the question may be thoroughly threshed out and the present complications swept away.

Yours faithfully,

34 Hanover Street, Liverpool. W. H. SAUNDERS. articles to-day are sold at face value than ever before.

The Fundamentals of Reconstruction.

SIR,—I join with Mr. Skinner in acclaiming your contribu-tions to the above topic. Before we can commence our Sig.—I join with Mr. Skinner in acclaiming your contributions to the above topic. Before we can commence our building operations two preliminaries have first to be settled—the demolition of worn-out edifices, and the laying down of the principles which shall guide us in our new constructions. Turning to the latter preliminary, let us see what principles should guide us. First, comprehensiveness. Wo must not be led astray by a narrow partisanship. We must go to market with something better in our hands than the old trick of being "agen the Gov'ment." We must build on a broad foundation. Organisation and education must alike be planned on generous and on substantial lines. Second, thoroughness. With our comprehensive programme we must combine efficiency. Our programme must not be so bulky and unmanageable as to lead to superficiality and "slipshodity." Better a short programme well carried out than a large one followed carelessly. Third, long-sightedness. Chemists need not to be reminded of British short-sightedness. We allowed Germany to make, inter alia, our fine drugs and chemicals. The present shortage is the least serious feature of the situation; what matters age is the least serious feature of the situation; what matters most is the mental and spiritual torpor which led us to most is the mental and spiritual torpor which led us to allow another people to tackle and solve our problems for us We bought present ease at the price of degeneration of character; and to-day, with the will to do better, there is a lack of means. We had forgotten, and the war has reminded us, that we are the custodians of the future; that opportunism is a vice which goes the way of all vices. Is opportunism is a vice which goes the way of all vices. Is there no lesson here for some of our would-be reconstructors? Verb. sap. Fourth, honesty. Let us not be led astray by catch-words. Let us not be content to give a process a name, and promptly fall down and worship it. "Reconstruction" itself may, in the mouths of verbalists and catch-phrase mongers, compass its own defeat. Fifth, reasonable-ness. Let us not give prejudice the rein. Let us be guided by the sound and established principles of economics in planning the present and future preservity of pharmacy. planning the present and future prosperity of pharmacy; of education in drawing up our curricula and syllabses; of history in estimating present tandencies and forwards history in estimating present tendencies and forecasting future results. Let us remember that science in all its branches looms bigger year by year on the social and political horizon, and that we, too, ought to progress scientifically; that the most clearly marked of all economic tendencies is in the direction of specialism, homogeneity of function, or division of labour; and that we, too, must strive after purer and less confused functions. Sixth, sacrifice. Do not let us suppose that we can have benefits without paying their us suppose that we can have benefits without paying their just price. There are no short-cuts to reconstruction. The temple of the new pharmacy must be reared patiently, laboriously, determinedly, and withal with an eye upon the completo and final purpose. Seventh, consistency. How often have we smiled over and even plumed ourselves upon our British inconsistency! We have cared little in the past for efficiency patience energy sagrifice or even education. for efficiency, patience, energy, sacrifice, or even education for their own sakes, but only for their value in relation to the job of the moment. Let us make an end of ad hoc virtue, and know that the only way to command efficiency, etc., for any specific purpose is to adopt it for all purposes.

Chester

R. CECIL OWEN.

SR,-With your permission I should like to make clear SIR,—With your permission I should like to make clear three statements in your report of my remarks at the Thames Valley Association.

"1. The Local Associations Executive is a failure to realise the ideas of the originators.

2. The Scientific Advisory Committee of the Pharmaceutical Council is in abeyance at the present time.

3. We could no more admit men by a back door than the medical profession, which was suffering from a similar dearth of men in educational training."

The gap produced by the war had to be bridged, and we had to find a way to bridge it. These are three vital factors in the future reconstruction.—Thanking you in anticipation, Highgate, N. 6.

Herbert Skinner.

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on

Ignorant (181/23).—It is only in the case of prescriptions containing cocaine that the prescription is to be retained. This refers to prescriptions from the public as well as from members of his Majesty's Forces.

Anæsthetic (177/18).—SALE OF COCAINE SOLUTION.—The sale of cocaine solution to dental practitioners must be entered in the cocaine register, and, if it contains 1 per cent. or more of cocaine, in the poison-book also. In the case of the anæsthetic solution you sell, the strength is below that needed to make it a poison in Part I. of the Poison Schedule. The solution must, however, be labelled as re-quired by Part II. of the Schedule.

Jack (11/3).—DISPLAY OF CONFECTIONERY.—There has been no official order whatever regarding the exposure of sweets in shop-windows. The matter, however, was taken up some time ago by the Confectioners' Union, and as a result the manufacturing confectioners have laid it down as a rule that they will not supply any retailer who displays more than twelve lines of 1 lb. each in his windows or in his display-eases. Fancy boxes of all kinds are to be counted as one line. counted as one line.

Xero (185/2) purchased a country business on August 13. Certain goods which had been ordered by his predecessor in July were despatched from London on August 10, and were delivered at the business premises on August 15. Who n July were despatched from London on August 10, and were delivered at the business premises on August 15. Who is liable to pay for the goods? The agreement for the sale of the business is silent upon the point. The sale was negotiated upon the basis of stock taken at Christmas last. [We are of opinion that "Xero's" predecessor is the owner of the goods, and is liable to pay for them. Whether "Xero' takes over the goods is a matter for arrangement between the parties.] between the parties.]

G. & Co. (165/51).—Company Directors.—The obligation G. & Co. (165/51).—COMPANY DIRECTORS.—The obligation under the Companies (Particulars as to Directors) Act, to conform with Sections 18 and 19 of the Registration of Business Names Act, applies only to companies registered after November 22, 1916. The sections referred to deal with the publication of certain particulars regarding the directors on "trade catalogues, trade circulars, showcards, and business letters." All companies are required to include in the annual summary and in the register of directors particulars of the nationality of the directors, a special form being employed for the purpose special form being employed for the purpose.

Soda (188/50) made no return to income-tax for the year 1915-16, not having received the form, and was not assessed within that year. He has recently been assessed for that year, and the abatement allowed to him is only 1201., and not the 160l. which he says was that in force for the year for which he was assessed. He wishes to know if he is entitled to an abatement of 160l. ["Soda" does not say what is the total amount of his income from all sources. is entitled to an abatement of 160l. ["Soda" does not say what is the total amount of his income from all sources, which is the basis upon which abatement is allowed, but he says that the amount due for taxation is 155l. As we understand it, his total income must be 275l. for the year 1915-16. On this assumption he would only be entitled to the abatement of 120l. At the beginning of the tax year 1915-16 the old scale of abatement at 160l. was in force, but by the Finance (No. 2) Act, 1915, the abatement for incomes of between 130l. and 400l. was reduced to 120l., and by Section 21 (3) of the Act this was made applicable to the tax on incomes or the then current year, 1915-16.]

tax on incomes for the then current year, 1915-16.]

Cortex (187/64) accepted a post as assistant to a chemist in 1903. In his agreement he covenanted not to engage either directly or indirectly in the business of a chemist and druggist within a radius of seven miles from his employer's shop for a period of three years after leaving his employ. "Cortex" was a member of the Territorial Force, and was mobilised upon the outbreak of war. His commanding officer permits him to assist his employer for one and a-half to two hours per day, and "Cortex" receives half pay from his employer. Will the agreement be binding upon "Cortex" after the war, or did he leave his employer's service upon the outbreak of war, with the result that the three years of restraint have now elapsed? [In our opinion the contract of service was not terminated upon "Cortex's" mobilisation, and still subsists. The three years will, therefore, not commence to run until the contract of service is put an end to either by "Cortex" or his employer. Moreover, we consider that the restraint imposed by the agreement is reasonable and enforceable.] agreement is reasonable and enforceable.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles por to publish supposed formulas for them.

C. F. & Co. (168/5).—CARAMEL.—There has been a good deal of research on the composition of caramel, much of which does not seem to have any bearing on the practical side. One of the best papers on the subject with which we are acquainted is that read before the London Section of the Society of Chemical Industry on April 2, 1900, which was reported in abstract in the C. & D. at the time. The full paper was given in the "Journal of the Society of Chemical Industry," April 30, 1900, p. 301.

R. S. C. (173/26).—FOUNTAIN-PEN INK:

Blue-black. Phenol-blue, 3 F. ... 5j.
Ponceau ... gr. v.
Aniline-green D ... gr. v.
Water 3xL. Deep-black. Phenol-black B. ... ; iij.' Water 5xL.

I. R. P. (167/48).—CIDER PRESERVATIVE.—The sample you send is a mixture of copper sulphate and sodium salicylate. Our opinion, for which you ask, is that anyone deliberately adding copper sulphate to a beverage like cider should be

E. V. Z. (184/48).—SOLID DISINFECTANT FOR URINALS.—This has a soap basis. It is prepared by mixing cresol with hard soap and melting together. The proportion of cresol is about 15 to 20 per cent.

E. R. (163/3).—OAK-STAIN.—The soluble stain used by a cabinetmaker is chiefly composed of Bismarck brown, with the addition of aniline black to modify the colour. You could probably arrive at the correct proportions by a few experiments.

J. B. M. (169/32).—We are not able to ascertain with certainty the components of the "bilious" powder.

Stymie (186/70).—It is at present illegal to make laundry starch from maize. The prohibition does not, however, apply to potato starch, a method of making which was given in the C. & D., August 25, p. 51.

R. W. B. (177/12).—CHILDREN'S AILMENTS.—For an inexpensive book you should recommend your customer to obtain Chavasse's "Advice to a Mother on the Management of her Children and on the Treatment on the Moment of Some of their More Pressing Illnesses and Accidents." It is published at 1s. 9d. by Churchill.

Retrospect of Fifty Years Ago. Reprinted from "The Chemist and Druggist," Nov. 15, 1867.

The Height of Absurdity.

Sir,—I am a regular reader of your journal, including the advertisements, and as a constantly recurring phrase in the latter has puzzled me for many years, I take the liberty of appealing to advertisers, through your columns, for a satisfactory explanation of its import. Advertisers for assistants are continually telling the latter to "state height," and as out of a batch of thirty-one assistants advertising for places in your October issue twenty-nine of them carefully "state height," I presume that they perfectly understand the injunction, and gladly avail themselves of the opportunity of acknowledging its propriety. It is not so with me. The mystery of these words has long hung round mo like a nightmare. . . The simple injunction "state height" merely conveys to me the vague idea that chemists have some secret dread of being inveigled into an engagehave some secret dread of being inveigled into an engage-ment with a "Chang" or a "Tom Thumb"; but surely ment with a "Chang" or a "Tom Thumb"; but surely such abnormal specimens of the genus homo do not abound in the pharmaceutical body? I can imagine the inconvenience of having either a giant or a dwarf behind a chemist's counter. But I must be all wrong; it cannot be to cuard against such a danger, as there are other dangers of a similar nature and equally great, against which no precautions are taken. Suppose, for instance, that a London chemist engages from Yorkshire an assistant, height five feet nine inches, and finds—alast too late—that height five feet nine inches, and finds—alas! too late—that such assistant weighs twenty stone! Looking calmly at the possibility of such an occurrence, I naturally ask why should height be the only physical condition inquired into? Why not go a little further and include at least weight and circumference? . . . "Ersom Salts."

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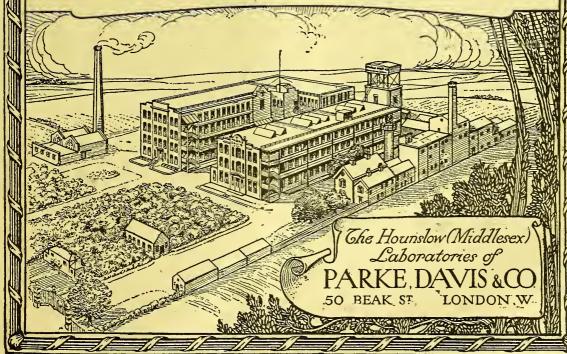
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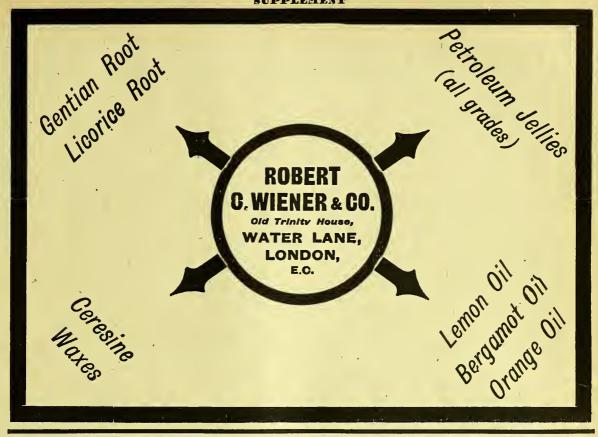
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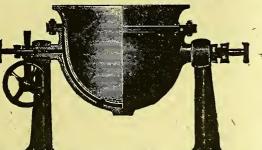
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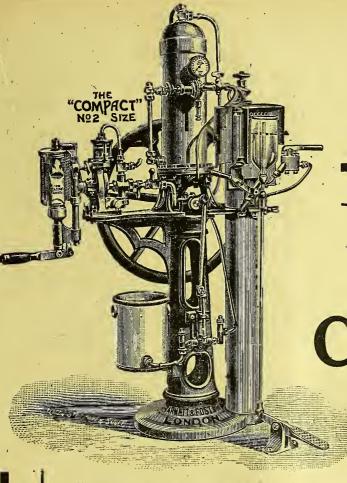
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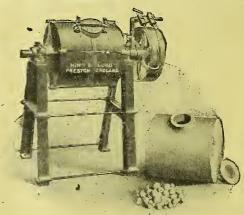
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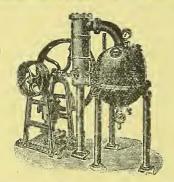
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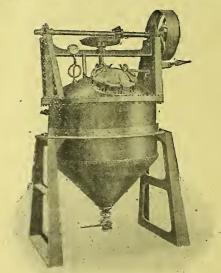
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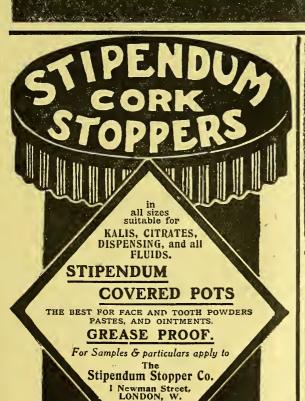
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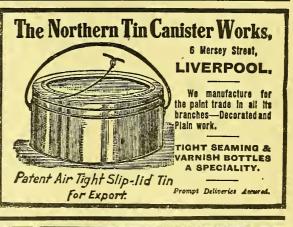
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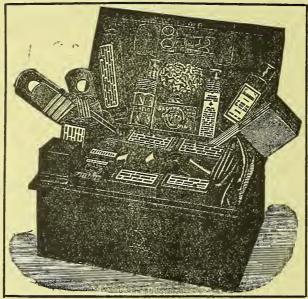
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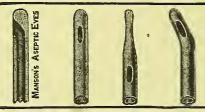
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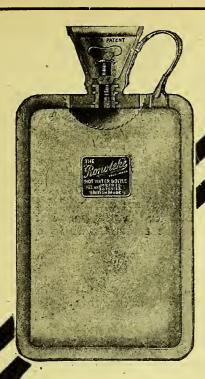


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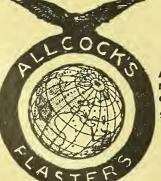
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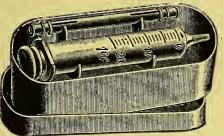
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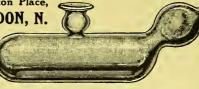
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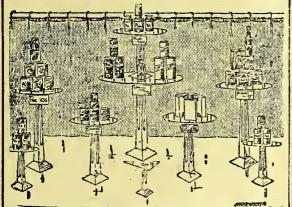
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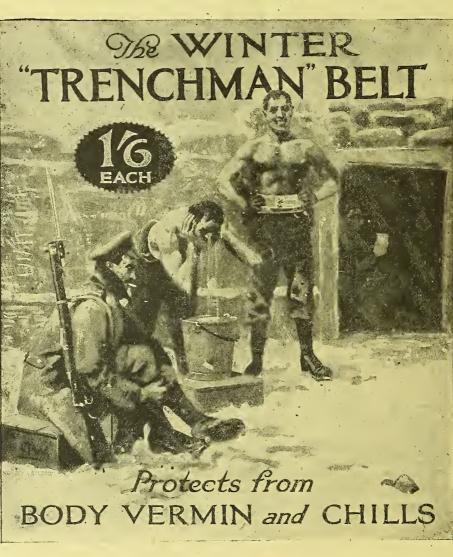
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5.—LONDON (Distant Suburb).—Ready-money Retail Business; established upwards of forty-five years; returns between £10 and £12 per week; net profit about £250; rent £25; price £200 or near offer.

6.—LONDON, N.—Middle-class Business; Retail Dispensing and good sale for own Proprietaries; gross receipts £800; net profit £200; price £250; less than value of stock and fixtures.

7.—CITY (within easy distance of).—Old-established Business in good position in populous district; the net income is £386, and under energetic management can be increased; good house; rent £50; price £600.

£50; price £600.

8.—TUNBRIDGE WELLS (near).—Good-class Retail and Dispensing Business, situate in a beautiful district, and practically unopposed; groes receipts £850; net profit exceeds £250; modernitted Pharmacy, with capital residence and garden stocked with fruit and rose-trees; valuation terms entertained.

9.—SEASIDE RESORT (South of England).—Retail and Dispensing Business, situate in shopping thoroughfare in chief business centre; returns between £1,400 and £1,500; gross profit last year, £570; well-appointed shop and comfortable residence; no reasonable offer refused.

10.—YORKSHIRE.—Family Retail Dispensing and Agricultural, with own proprietaries in good demand; returns £800; net profit, after all expenses paid, £200; rent £28; including good sixroomed house, garden, warehouse, and yard; terms, valuation of stock and fixtures.

stock and fixtures.

11.—YORKS (Large Town).—Good-class Retail and Dispensing Business; established many years; returns between £900 and £1,000; profits good; large residence, with private entrance; vendor will accept valuation of stock and fixtures.

12.—WESTERN COUNTY.—Mixed Country Retail, Dispensing, and Agricultural Business with own Proprietaries, situate in best position in good market town; returns £1,700; price about £1,000.

13.-THAMES VALLEY.-Retail and Dispensing Business, situate in busy main thoroughfare; returns between £1,800 and

situate in busy main thoroughtare; returns between £1,800 and £1,900; net profit £461; books open to inspection; price £850; stock and fixtures recently valued at £650.

14.—HARROW.—Retail and Dispensing Business; situate in growing neighbourhood; returns exceed £500 yearly; corner shop; situate in close proximity to railway station; price about £300.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone Profit, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

FOR SALE

Limited quantity Cera Flav., 4 lb., 9s. 7d. delivered; Tabs about ½ oz., per ½ gross, 4s. 2d. delivered; cash with order. Levis, Chemist, Skibbereen. Sample, 2d. stamps.

QUANTITY of nests of Drug Drawers, handsome Show Cases, Mirrors, and Bottles; will take price for lot, or will sell separately. May be viewed at Evan Cook's Depositories, Ltd., 134 Queen's Road, Peckham, S.E., opposite Queen's Road Station, L.B. & S.C. Railway.

SMALL National Cash Register (second-hand) for Sale; total adder and in good condition; cheap. Write to F. Sutton, 5 Bronson Road, Raynes Park, S.W. 19.

WHAT Offers? 7 lb. Pot. Sulph. c. Sulph., 7 lb. Pot. Chlor. Tabs., 1 doz. 2s. 9d. Stuart's Dyspepsia Tabs., 2½ doz. 2s. 9d. Zotoe, 4 lb. Bals. Copaibe, 1 lb. Ol. Lavand. Exct., 1 oz. Ingluvin, 1 lb. Acid Tannic., 1 oz. Butyl Chloral. Hyd., 3y, Codein Phosph., 3 lb. Potassium Iodid., 20 lb Ammon. Chlor. Com., 1 lb. Flor. Anthem., 4 lb. Plumbi Acet., ½ lb. Sodii Salicyl (Schering's), 2 gall. Ol. Eucalypt. B.P., 1 b. Hyd. Iod. Rub., 3ij. Piperazine, 4 oz. Piperazine Cit. Eff Gran. Apply 182/11, Office of this Paper.

*AGENCIES.

Price-lists, trade circulars, samples, and printed matter can in as case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

DURHAM AND NORTHUMBERLAND.—Traveller, with very big connection of long standing, wants good side lines for Co-operative Stores and Grocers or Chemists. Apply 178/21, Office of this Paper.

TRAVELLER, with strong personality and plodding energy, well in with buyers, holding one commission only, able to introduce 10 years' good paying connection, regularly calling on Chemists, Drapers, leading Stores, seeks one new line requiring expert for new account opening; state terms; preference given commission and half expenses. "C. I. L." (178/28), Office of this Paper this Paper.

BERDOE & FISH

VALUERS & TRANSFER AGENTS,

35 Jewry Street Fenchurch Street E.C.3.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.-KENT (Suburb).-Good progressive Middle-class Business; no booking; returns £1,850; net profit £450; books properly kept; convenient house; handsome Pharmacy, heavily stocked; price £50 and valuation; about £1,000; strongly recommended.

2.—LIVERPOOL.—Light Retail and Prescribing; no side lines; all ready money; returns under Manager £16 a week, increasing; corner double-fronted shop; good house; price £350.

3.—HERTS (Market Town).—Most desirable Light Country Retail; easily worked; returns about £990; good profits; excelent house, bathroom, etc.; very best position; well stocked; price for prompt sale, £400 cash; strongly recommended.

4.—BIRMINGHAM.—Very profitable Cash Retail; main road position; returns £900; net profit £320; books properly kept; smart well-fitted Pharmacy, heavily stocked; urgent family reasons necessitate a quick sale; price £450; much under valuation.

5.—WEST END.—High-class Dispensing business in prominent position; returns average over £2,000; net profit £620; excellent obtaine for two smart men; price for quick sale £950, or small goodwill and valuation.

6.—NORTH LONDON (Healthy Subarb).—Sound progressive Oash Business for immediate disposal through serious illness; returns £1,150: net profit fully £300; fine modern Pharmacy; excellent main road position; low rent; price £750 or offer.

7.—LONDON (Distant Suburb).—Good middle-class Cash Retail; chiefly Prescribing; returns £14 weekly, increasing; net profit about £300; very low rent; fully stocked; price £475 or valuation; £200 cash; balance by instalments; trial allowed.

STOCKTAKINGS.

Appointments for ctocktakings and valuations should be made early, as we have only a few vacant dates open during the cert three months. Full particulars and terms sent on application.

Ex Prize Court and various Steamers.

MESSRS.

TOPLIS & HARDING

AUCTIONEERS (Established 1790),

BEG TO ANNOUNCE THAT THEY WILL INCLUDE IN

THEIR SALE AT THE

London Commercial Sale Rooms, E.C., On THURSDAY, DECEMBER 6, 1917,

At 2 o'clock, the following Goods:

LIQUORICE, LIQUORICE PELLETS, FORMATE OF SODA by E. MERCK, OXALIC ACID, 73 DRUGGISTS' BALANCES,

And a quantity of various goods.

Oatalogues may be obtained upon application at the

Auctioneers' Offices, 66 Cannon Street, E.C. 4.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replied addressed to this Office, and forwarded on payment of an additional charge of 6d.

Prioe-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

CARLISLE.—For Sale as a going concern, in consequence of the death of the owner, Chemist and Sight-testing Optician's Business, along with the premises on which the same are carried on, comprising Shop, Dispensing and Sight-testing rooms, and dwelling-house attached; the business was established in the year 1846, and for the last 35 years has been successfully carried on by the late owner; a large portion of the purchase money of the premises will be allowed to remain on mortgage at 5%. Further particulars on application to J. S. Jackson, Solicitor, Carlisle.

CREAT YARMOUTH.—Genuine old-established Business; excellent position; low rent on lease; good stock; returns \$2,000; will accept low price for speedy clearance; would entertain partnership from one able to take control. Shearman, 156 King Street.

LONDON, S.W.—Genuine Business for Sale in good residential locality; returns £1,900, increasing yearly; about £750 required. Apply 182/6, Office of this Paper.

OUTH WALES.—Important market town Carmarthen, on account of serious health breakdown.—For disposal, very old-established well-known Chemist's Business, at present carried on for past 22 years by Mr. A. Arthur; fine corner premises, double-fronted, handsome fixtures and well stocked. Further particulars, apply 6 Nott Square, Carmarthen.

YORKS (Heavy Woollen District) Drug Stores.—Excellent opening for fully qualified Chemist; well populated town; opening for Dentist and N.H.I. Panel work; well-stocked and fitted shop; utensils, goodwill, and stock, £300 to £400; rent low; cash trade returns £730; retiring on account of age and failing eyesight and health. Apply 182/16, Office of this Paper.

FOR Immediate Disposal.—First-class Pharmacy, North London; excellent possibilities for increased business; modern fittings; well stocked; splendid central position; low price for quick sale. Apply 180/31, Office of this Paper.

POR Sale, Chemist's Business (established 1846); good fixtures and stock; for immediate disposal; Post Office attached; no reasonable offer refused. Further particulars from Mr. J. S. Moore, 56 Grange Road, Bermondsey, London, S.E.

FOR Sale, Business in good locality, owing to owner having gone to war; shop well stocked and fitted; good house; fortune for an enterprising man; bargain £250; every investigation allowed to genuine applicants. Apply Solo, c/o 40 Monks Road, Lincoln

COLDERS GREEN (near by).—Cash Drug Stores; immediate sale; good opening for smart Chemist, doing, with inexperienced lady Assistant, about £3 a week; 20 years' lease; price, fixtures, fittings and lease £100, and stock at valuation. "Q. M." (190/39), Office of this Paper.

£450 WILL buy splendid Mixed Country Chemist's Business; no opposition; wine licence; well stocked; usual fittings; rent £35; good house, double-fronted shop, garden, stabling, etc.; reason for selling, closing trust; takings good; exceptional opportunity for enterprising man; every investigation to prospective buyer. Apply M., 40 Monks Road, Lincoln.

TO LET.

CHEMIST'S Shop and Parlour to be Let; prominent corner position, facing Public Baths; old established; low rent; dwelling rooms if required. Apply 13 Prince of Wales's Road, Kentish Town, or to G. M. Gates, 15 Walbrook, E.C. 4.

SHOP to be Let; double-fronted; splendidly situated in shopping centre of main road, and fitted as a Chemist's; occupied by Chemist for nearly 50 years; good business just closed owing to illness; fixtures at valuation; rent £50 per annum, tenant paying rates and taxes. Apply Harry Hooper & Co., Surveyors and Valuers, Estate Offices, Millwall, 14.

TENDERS.

CONTRACTS.

THE Guardians of the Poor of the Parish of St. Mary, Islington, invite Tenders for the supply of Drugs and Druggists' Sundries for three months from the 1st January, 1918 (inclusive), to the several Institutions of the Guardians in the Parish. Printed forms of Tender must be obtained from the Clerk personally, or a stamped addressed brief-size envelope may be sent. Sealed Tenders must be delivered at the under-mentioned offices on or before Tuesday, the 4th December, 1917, and they will be opened at a Meeting of the Guardians on Thursday, the 6th December, 1917. The Guardians do not bind themselves to accept the lowest or any Tender.

By Order,

EDWIN DAVEY, Clerk.

Guardians' Offices,

Guardians' Offices, St. John's Road, Upper Holloway, N. 19. 20th November, 1917.

BUSINESSES WANTED.

DISPENSING and Retail Business wanted, returning about £2,000, or larger on easy terms; cash up to £500; home or southern counties. Send full particulars, which will be treated as strictly confidential, to 181/1, Office of this Paper.

SMALL Ready-money Business; Hampshire, Dorsct, or Wilts preferred; pleasant surroundings; low rental; garden essential; cash transaction. Please state usual particulars, and if any Panel work done, Davies, 101 Caversham Road, Reading.

SOUND Cash Business wanted; Retail and Dispensing; situated in good thoroughfare, returning about £1,500; Scotland, east coast, preferred; state full particulars in strict confidence. Address to 180/17, Office of this Paper.

PARTNERSHIPS.

GENTLEMAN requires Partnership in Wholesale Drug, Mannfacturing, or allied trade; thoroughly experienced in all branches; good capital to invest if right thing; no agente; full particulars in confidence. Apply 170/28, Office of this Paper.

PARTNER wanted in established business where there is scope for an energetic wanted for an energetic man; returns, including branch, about \$4,000; price for half-share £200, and valuation of stock and fixtures; references exchanged. Apply "Alpha" (192/4), Office fixtures; refer of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

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RETAIL.

BIRMINGHAM.—Young lady Assistant required for working-class business; comfortable permanency; a little experience essential. State when at liberty and salary required, "H. S. A." (178/36), Office of this Paper.

BIRMINGHAM.—Lady Assistant required for Light Retail and Dispensing business; comfortable and permanent position. State age, experience, and salary required, "W. R." (178/360), Office of this Paper.

BIRMINGHAM.—Unqualified Assistant wanted; ineligible for military duty; well up in Dispensing, smart and courteous at Counter, good address. Apply, with full particulars, General Manager, Hedges (Chemists), Ltd., Dale End, Birmingham.

BRIGHTON.—A capable Assistant required for a good-class Retail and Dispensing business; must be honest and reliable.

Apply, with full particulars, to Parris & Greening, 16 Western Road, Hove.

DERBY.—Qualified Dispenser, N.H.I. qualification, either sex, for Institution, to replace man called up; salary to suitable person, £120 per annum. State age, experience, and other particulars to Thos. M. Cooper, 13 Otter Street, Derby.

HASTINGS.—Two lady Assistants, one with Minor qualification, the other with previous experience in Dispensing and Retail business (qualification not necessary), required in high-class Dispensing and Retail business. Apply, stating reference, experience, and salary required, to Neve & Co., Proprietor Harold E. Skyrme, 12 Wellington Place, Hastings.

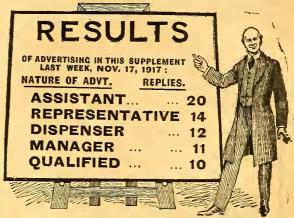
LONDON.—An exceptional opening for qualified man (or lady) in working-class business; liberal salary to suitable applicant; good references required. All particulars to 174/7, Office of this Paper.

L ONDON, CITY.—Wanted, qualified Dispenser, over military age, with energy and initiative; hours 9-7 p.m., Saturdays 1.30, no Sunday duty; abstainer preferred. Apply by letter, or interview, 10 a.m. to 12, to Manager, Vines & Froom, 64 Aldersgate Street, E.C.

L ONDON (HAMPSTEAD).—Wanted, Junior Assistant (lady or gentleman), full or part-time, chiefly for Dispensing. Please write, giving particulars of experience and age, H. Williams, Dispensing Chemist, 31 Heath Street, Hampstead, N.W. 3.

L ONDON, N.—Manager wanted for Branch; good Dispensing and Retail business; hours 9 to 8, 1 hour duty alternate Thursday and Sunday. Fullest particulars to 181/38, Office of this Paper.

LONDON, S.E.—Assistant wanted, ineligible or over military age, outdoors, for quick Cash Retail; no Sunday duty. Thursdays one o'clock. Apply, stating age, salary required, experience, also references, to Brooks' Drug Stores, corner of High Street, Broadway, Deptford.



This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements.
The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed c/o this Office. The Publisher desires to make it clear that this is quite superfinone, and perhaps this reminder will obviate the necessity of the frequent return by him of such remittances.

ANSWER IN TERMS OF THE ADVERTISEMENT AND

- REMEMBER you are one of possibly hundreds applying for the same position. Put your case before the advertiser so that he may be able to form a MENTAL PICTURE of your suit-
- BE BRIEF BUT CLEAR.—Millions of applications are consigned to the waste-paper basket UNCONSIDERED, because the reader cannot form this picture from the inadequacy of the materials set before him.

RETURNING PHOTOS, Etc.

Advertisers in this section who receive portraits and copies of testimonials from applicants with a stamped addressed envelope for reply are reminded that the unduc retention of these often means a hardship to the sender. All personal documents should be returned as promptly as possible after perusal.

London, S.W.—Outdoors Assistant; lady or gentleman; experienced in Counter and Dispensing; no N.H.I.; duties light. Salary and full particulars to "Alpha" (192/19), Office of this Paper.

LONDON, W.—Evenings; qualified man; alternate Thursday, Sunday, and two or three other evenings about 1½ to 2 hours; middle-class business, near Walham Green. Apply Goodell, 66 Lower Richmond Road, Putney.

ONDON, W.—Experienced and reliable unqualified Assistant wanted for good-class Retail and Dispensing. Give full particulars, references, and salary required to "Manager," 1 Baron's Court Road, West Kensington, W. 14.

LEICESTER ROYAL INFIRMARY.

PHARMACIST and Dispenser required, preferably with experience of Institution work and the purchase of Drugs and Dressings; salary £4 4s. per week, rising. Apply, with full particulars, age, etc., House Governor and Secretary, Leicester Royal Infirmary.

PROVINCES.—Wanted by leading firm, gentleman to undertake management of high-class Pharmacy; several Assistants employed; must hold Major qualification and have considerable knowledge of Bacteriology and Medicine; excellent opportunity for really up-to-date man. Address, stating age, experience, salary required, and other relevant information, 188/68, Office of this Paper.

GOUTH COAST.—Unqualified Assistant for smart Store Pharmacy; salary £3 per week and commission, which would be another 10s, weekly to good Salesman; ineligible; good appearance and address; up-to-date Window-dresser; permanency. Full particulars, age, height, when disengaged, etc., to 182/4, Office of this Paper.

SOUTH OF ENGLAND.—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co. Ltd, Chemists, Portsmouth.

WEST MIDLANDS.—Qualified Chemist to manage good-class Retail and Dispensing business in centre of populous town; ewsy hours, no Sunday or night duty; commission paid on profits; applicants must give particulars of experience, age, and salary required. Apply 178/25, Office of this Paper.

A SSISTANT: Surgical Instrument business; Shop Counter, Address, stating age, wages expected, and duties accustomed to, "Surgical," Lee & Nightingale, Liverpool.

A SSISTANT (uuqualified) required soon for Dispensing and General Retail; ineligible or lady; reasonable hours. Full particulars and salary required to H. W. Beale, 3 High Street, South Norwood, S.E. 25.

A SSISTANT wanted for Light Retail and Dispensing after Christmas; short hours or part-time; suit student reading up; outdoors; usual particulars, photo, salary required. Apply in first instance by letter only (applications not answered in three days declined), Whitehurch, Chemist, 50 Goldsmith Street, Nottingham.

A SSISTANT; unqualified; outdoors; not liable to military service; no Sunday duty, reasonable nours. State salary, references, and full particulars, "North Staffs" (179/8), Office of this Paper.

A SSISTANT (outdoors); lady; able to help in Dispensing. State age, salary required, experience, and give references, French, Chemist, Sittingbourue.

A SSISTANT Dispenser (lady) wanted, December 1; hours 11-1 and 6-7; £52 per annum. Apply Hon. Sec., E. Dulwich Dispensary, 195 Landells Load, S.E. 22.

A SSISTANT (ineligible) required for good-class Retail Dispensing and Photographic business. Full particulars to Greeu & Co., Chemists, Swindon.

A SSISTANT (uuqualified) immediately for good-class Retail
Dispensary and Photographic business; easy hours;
whole day off weekly; state salary. H. Hall, 31 The Broadway,
Crouch End, London, N. 8.

DISPENSER and Counter hand wanted; lady or gentleman; hours 9 a.m. to 7 p.m. three days per week, Thursdays close 1 p.m. Apply, with full particulars, to Gould, 10 High Road, Chiswick. Telephone, Chiswick 1428.

JUNIOR Assistant wanted for good Dispensing and Retail business. W. Pickard, 5 West Kensington Terrace (opposite West Kensington Station), W. 14.

LADY Dispenser wanted immediately (Pharmaceutical licence) for the Lowestoft Friendly Societics' Medical Institute; short hours. For particulars apply to the Secretary, Edward Kemp. 94 Norwich Road, Lowestoft.

LADY Assistant (Dispensing department) immediately; hours 9 to 7, Thursdays 1, Saturday 8.30. State age, height, experience, qualification, and salary required (photo if possible), G. T. W. Newsholme, Ltd., 27 High Street, Sheffield.

LADY Assistant for Store in Edgware Road; Hall qualification (but not essential); for Dispensing, putting up Stock, and Counter when required; neat worker and energetic. Please state experience and wages required. Apply 182/10, Office of this Paper.

PART-TIME lady Assistant required immediately, three or four afternoons and evenings weekly, including Thursday; Sundays alternate weeks, 6-8 p.m.; good Dispensing experience. Apply 30 Highbury Park, N.

PHARMACEUTICAL SOCIETY OF IRELAND.—The Council of this Society will, on December 11, 1917, proceed to the appointment of an Examiner for the Materia Medica and Botany Division of the Pharmaceutical Licence Examination, subject to the approval of His Excellency the Lord Lieutenant and the Privy Council of Ireland. Full particulars will be supplied by the Registrar, with whom applications should be lodged not later than December 3, 1917. Arthur T. Ferrall, Registrar, 67 Lower Mount Street, Dublin.

QUALIFIED Manager (lady or gentleman) required for management of mixed country business; comfortable berth to good applicant. Apply, stating salary, references, etc., to M., The Pharmacy, Askern, Doncaster.

REQUIRED, lady Counter Assistant with experience in the selling of Perfumery and Druggist Sundries in ordinary demand; smart appearance; hours of work 8.45 to 6.15, 1 o'clock Saturdays, no Sunday duty. Apply, stating full particulars of past experience and salary required, to L. J., Manager, Drug Department, Army and Navy Stores, 105 Victoria Street, S.W. 1.

TABLET COATER WANTED.

State full particulars as to age, wage, and experience to WIGGLESWORTH, LIMITED, WESTHOUGHTON, LANCS.

THE Southampton Friendly Societies Medical Association require a qualified lady Dispenser early in December; surgery hours 10-12 and 6-8; Sundays off, and Wednesdays after 12 o'clock. State age, experience and salary (outdoors), with two recent references, Secretary, 103 Clifford Crescent, Southampton.

THOMPSON & CAPPER, LTD., Chemists, 51 Piccadilly, Manchester, require an unqualified Assistant for high-class business. Send usual particulars of age, experience, wage, etc., also enclose photograph.

TWO young lady Assistants wanted; one for Dispensing and to help at Counter when required; the other for Counter and Stock; both must have had experience. State references, salary required, and give all particulars, to A Middleton & Son, 25 Lister Gate, Nottingham.

UNIVERSITY COLLEGE HOSPITAL, Gower Street, W.C. 1.—
Assistant Dispenser, holding Minor qualification (lady or
gentleman), required 15th December; salary £145 per annum;
nours 9 to 5, Saturdays 9 to 1; additional attendances on two
eveniugs weekly until 9, and every third week on Saturday afternoon and for one hour on Sunday. Apply to C. H. Hampshire,
Pharmagist.

WANTED, a competent gentleman, about 22 to 30 years of age, not qualified, for a few weeks at the Garden City, Letchworth; a beautiful country and comfortable home. Apply to W. Hooper & Co., Letchworth, Herts.

WANTED, a competent qualified Assistant; over military age; outdoors; good salary. Apply L. Cameron, Pharmaceutical Chemist, Seaford, Sussex.

WANTED, Junior Assistant (outdoors) for Light Retail and N.H.I. Dispensing. State full particulars to Davies & Co., 344 Caledonian Road, N. 1.

WANTED at once, competent Saleswoman for Drug and Perfumery; permaneucy. Apply "S. F.," Goss, Ltd., 460 Oxford Street, W. 1.

WEEKLY offered to qualified lady Assistant (Minor); duties light; hours easy; good-class Pharmacy; healthy district near Cardiff. Apply, with full particulars, to T. E. Williams, Ltd., Chemists, Caerphilly, near Cardiff.

WHOLESALE.

COUNTRY WHOLESALE.—A good Warehouseman, capable and willing, who knows something of a Chemist's aud Druggist's business. Address, with particulars, 181/16, Office of this Paper.

EXPERIENCED Girls required for Packed Drug trade; also Learners between ages of 14 and 16. Personal application to Allen & Hanburys, Ltd., Bethnal Green, E.

EXPERIENCED Medicinal Capsules Maker wanted. Apply Evans Sons Lescher & Webb, Ltd., 60 Bartholomew Close. E.C.

EXPERIENCED man wanted for Packing and Despatching heavy and fine Chemicals; used to keeping Stocks preferred, but not essential; ineligible for military duties; Eastern district of London; good wages and permanency. Apply 144/62, Office of this Paper.

FOR LONDON.—Required, one or two gentlemen with good connection amongst Chemists, to handle an excellent winter speciality; commission 10 per cent. on all orders and repeats; selling price, 18. 4d., 28. 6d., 48. 6d.; present sales, £50 a week. Apply 151/20; Office of this Paper.

MANUFACTURING Chemical, Foreman, with experience in crystallising and purifying, required by a large Midland firm; must be a careful, accurate, and resourceful worker; able to manage men; wages 60°s. per week, with prospects. Send full particulars to Box B. 458, Smiths' Agency, Ltd., 100 Fleet Street, E.C. 4.

R. SUMNER & CO., LTD., Wholesale Druggists, Liverpool, require a Senior Clerk, who has had good experience in a Drug House; one conversant with cost prices and able to check extensions, and capable of supervising the technical work of the office; applicants must be ineligible or over military age, and should fully state with what firms they have obtained their experience and what salary they desire.

REQUIRED, part-time Travellers to work Chemists in South Coast and Wales in Surgical Sundries. Reply to 178/58, Office of this Paper.

REQUIRED in an Analytical Laboratory, a rehable lady Assistant with an experience equivalent to any of the following qualications: B.Sc., A.I.C. (Food and Drug), Ph.C. (Major), or a capable advanced student. Write, stating age and salary required, to Messrs. Stafford Allen & Sons, Ltd., Cowper Street, Finsbury, E.C. 2.

RESPONSIBLE man required immediately by Export Merchants; must have knowledge of Shipping, Bills of Exchange, and Bookkeeping, be a capable Buyer, able to conduct Correspondence, and ineligible for military service; good prospects and permanency. Give experience in writing and salary desired, 190/47, Office of this Paper.

SURGICAL INSTRUMENTS.—Competent and experienced man wanted for general Surgical and Sundries business; permanency. Details of experience and salary required to Burgoyne, Burbidges & Co., Ltd., High Street South, East Ham, E. 6.

WAGES £1 PER WEEK.—Women with some experience of Counter work, in Wholesale Druggists; Wets and Drys. Apply "Bellad" (186/22), Office of this Paper.

YOUTH, aged 16, as Junior Assistant in Analytical Laboratory of London Manufacturing Chemists. Write, stating if any knowledge of Chemistry, also salary expected, to "Bellad" (191/15), Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

38. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid. The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

JAPAN.—Wanted immediately, an Assistant (qualified preferred) in a first-class Chemist's business at Kobe; easy hours; four years' contract; passage paid out and home; must be ineligible for the Army. Send for full particulars, with photo, to J. W. Franklin, 28 Alleyn Road, London, S.E. 21.

NAIROBI.—Qualified Assistant; free of military service; three years' engagement; salary £25 per month for the first year, £27 108, for the second year, and £30 for the third year; good prospects. Apply "G. K." (191/33), Office of this Paper:

LARGE firm manufacturing Surgical Dressings; Druggists' Sundrice, Perfumes, and Packed Chemists' Goods, are desirous of appointing Agents and Representatives in British Colonies and foreign countries where unrepresented. Apply "Expansion" (186/36), Office of this Paper.

SITUATIONS WANTED.

13. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

[HOME.] RETAIL.

A DVERTISER; 30: experienced; disengaged Tucsday, Wednesday, Thursday, and Saturday mornings and afternoons. Particulars, please, Alexander, 83 Portsdown Road, W. 9.

A FTERNOON post-as Dispenser wanted; lady, Hall qualification; five years' good experience; bookkeeping if required. Dispenser, 7 Carleton Road, N. 7.

A S Senior or Manager, over military age, seeks appointment; married; qualified; disengaged. H. Pepperdiue, Khodesia, Seaford, Sussex.

A SSISTANT or Branch; no "after" or Sunday duty; City, West-End, and Hospital experience; discharged R.A.M.C.; disengaged. "No. 9," 25 Gilmore Road, Lewisham, S.E.

A SSISTANT; disengaged; unqualified; 49; town, country. "Rhei," 37 Upper Kenuingtou Lane, London.

A SSISTANT; lady; unqualified; Dispensing, Retail; two years' West-End experience. Miss Rutter, 61 Sterndale Road, West Kensington, W 14.

A SSISTANT or Dispenser; age 20; C2; 5½ years' good experience; excellent references; abstainer; South Wales preferred, but not essential. Evans, 158 City Road, Cardiff.

A SSISTANT; unqualified; over militäry age; all-round experience; London; outdoors. W. P., 72 Tremadoc Road, Clapham, S.W.

A SSISTANT; 49; unqualified; good all-round experience; married; reference. Address 1 Lowwood Grove, Birkenhead.

A SSISTANT; unqualified; married; age 23; tall, smart, good experience and references; London only; South-West preferred. "Disengaged," 129 Geraldine Road, Wandsworth.

CHEMIST desires carly appointment; any locality; middle-class trade preferred; please forward fullest details. Apply 180/35, Office of this Paper.

DISPENSER; Hall qualification; books; experience; in or near London. Apply 188/3, Office of this Paper.

DISPENSER (lady); Hall certificated; Surgery experience; good reference. "E. L." (179/6), Office of this Paper.

DISPENSER (woman), Hall certificate, desires post in London or district; some experience; at liberty immediately. W. M. F., 16 Porringway, Golders Greeu, N.W. 4.

DISPENSER; qualified; part-time; Chemist or Doctor; good bookkeeper; over military age. Smith, 8 Brunswick Street,

DISPENSER, 30 years' experience, free for Hospital, Druggists, or Doctors; sole charge; locum or permanent; £3. "Medicus," 19 Rockmount Road, S.E. 19

ELDERLY; qualified; best-class experience; easy hours; terms moderate (London). Apply 181/27, Office of this Paper.

 ${
m E^{VENING}}$ Dispensing wanted in or near London; after 6 p.m.; qualified. Apply 180/27, Office of this Paper.

HOSPITAL Dispenser; Locum; qualified. Irving, 66 Rowfant Road, Balham, S.W. 17.

ADY Dispenser (Hall), somo experience, desires post with Doctor or Institution; London district. "M. H." (180/36), Office of this Paper.

ADY Dispenser (Hall) requires post in Institution or Doctor, in London. M. G., 2 Cobham Road, Westeliff.

LADY; 20; Matric.; four months' experience; Junior Assistant; indoors. Martin, Tregynon Rectory, Newtown.

LADY Dispenser (part Hall), engaged mornings, desires post with Doctor or Chemist in London. Page, 40 Windermere Road, N. 10.

ADY Dispenser (Hall) desires post with Doctor or Institution; experienced; moderate salary. C., 19 Ludlow Road, Ealing, W.

LADY Pharmacist desires post; full or part-time; Dispensing, Institution, or Laboratory; Liverpool or Manchester preferred; state full particulars. Apply "Statim" (177/55), Office of this Paper.

TADY Dispenser, Pharmaceutical qualification and Gold Medallist, seeks appointment with Doctor or Institution; whole or part-time; eight years' experience (over two in Institution); keen, thorough, methodical; country near London preferred; can interview London early December. Hanna, 6 Alma Terrace, Calne, Wilts.

ADY Dispenser (Hall), experienced, requires post in London; Doctor, Chemist, or Institution; whole or part-time. P., 6 Park Hill, Ealing W. 5.

LADY Dispenser; certified; experienced; might suit Doctor as Chauffeuse-Dispenser; driving experience; near Liverpool preferred, not essential. Apply 182/9, Office of this Paper.

ADY Dispenser, 19. qualified, Hall, speaking French, seeks post; Hospital or Institution preferred. J. K., 11 Cambridge Road, Hastings.

LOCUM; unqualified; incligible: 15 years' experience; reliable Prescriber and Dispenser. 67 Martins Lane, Wallasey.

LOCUM Tenens; disengaged; unqualified; ineligible. "L. T.," 1 Eton Road, Newport, Mon.

OCUM. Manuge; or Hospital Dispenser; over military age; London and provincial experience. M.P.S., 11 Derwent Drive, Wallasey, Cheshine.

MANAGER or Assistant; qualified; ineligible; varied experience. H., 19 Osberton Road, Summertown, Oxford.

MANAGER; qualified; 46; energetic, wide experience, reliable; references; view to succession. Apply 179/7, Office of this Paper.

MANAGER; qualified; permanency; ineligible; married; West-End experience; outdoors; references; disengaged. Alpha, 17 Gladstone Park Gardens, Cricklewood, N.W. 2.

MANAGER; locum; 48; Major; 5 ft. 8 in.; disengaged; experienced; references; outdoore. T., 59 Westmoreland Road, Cornwall Road, Paddingtou, W.

MANAGER; senior; qualified; experienced; smart Counterman; permanency; locum; disengaged. Pharmacist, 21 Greeugates Street. Tunstall.

MANAGER or Senior; 41; married; excellent all-round experience; good references; disengaged. "Statim," 47 High Street, Tunbridge Wells.

MANAGER or otherwise; town or country; exempt; qualified.

MANAGER; qualified; exempt; London and provincial experience; married; country. State salary, "Codex" (181/7), Office of this Paper.

MIDDLE-AGED Chemist, qualified, desires appointment; wide experience, active, and reliable. "Pharmacist," Askern Spa, Yorkshire.

PART-QUALIFIED seeks post, Doctor, Dispensary; South London. Field, 25 Bywater Street, S.W. 3.

QUALIFIED, elderly, active, married, having just cold business, seeks position of trust; South-West England or South Wales. Apply "Cypero" (179/3), Office of this Paper.

QUALIFIED; incligible; smart high-class Retail and Dispensing. Apply 180/32, Office of this Paper.

QUALIFIED; locum, branch, or part-time. Chemist, 34 Wornington Road, Westbourne Park, W.

QUALIFIED Manager, 20 years' London experience, disengaged. "Chemist," 108b Elgin Avenue, W. 9.

QUALIFIED Manager; 46; energetic; experienced; permanent or locum; disengaged December 1. Pharmacist, 4 Adolphus Road, Pinsbury Park, N.

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UNQUALIFIED, 23, C3, eight years' varied experience, present situation four years, desires change; state salary offered. Apply 181/23, Office of this Paper

V.A.D. DISPENSER (Hall) desires temporary or parttime work with Doctor or Hospital in London. Apply 178/19, Office of this Paper.

YORKS (West Ridiug).—Experienced Assistant, capable of taking charge; ineligible; unqualified; married. Apply 173/33, Office of this Paper.

YOUNG lady Dispenser (A.H.), four years' experience, desires post with Doctor (outdoors) after Christmas; good book-keeper; excellent references. Apply 176/13, Office of this Paper.

YOUNG lady, eight months' gereral experience, desires post. Chemist; City or W.C. district preferred. Reply "C. K." (181/8), Office of this Paper.

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Price-lists, trade circulars, samples, and printed matter can in see case be forwarded, the Box numbers being intended exclusively ter specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

A DVERTISER, capable and experienced Traveller, is open to represent first-class Drug, Sundry, or allied business house; salary and commission. "Optime" (181/36), Office of this Paper.

CHEMIST, 31, unqualified, exempt, 14 years' first-class Retails experience, good appearance and manner, offers his services-to Wholesale; would make successful Traveller. Apply "Wholesale," 38 York Street, Dublin.

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CENTLEMAN, 45, having held important positions in Manufacturing Drug Houses, seeks similar position. Ainderby House, The Green, Seaton Carew.

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PERFUMERY. Toilet Specialities, Vanishing Creams, Scaps; many years' experience; highest references; strong, active; used to management; ineligible; disengaged. Apply 180/20, Office of this Paper.

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REPRESENTATIVE.—Advertiser is open for engagement to act for first-class house; many years' experience Drugs, Sundries, and Instruments; so.nd connections; considerable Medical knowledge; first-class references. Apply 180/30, Office of this Paper.

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DARK Blue Winchesters, 20 oz., about 18 dozen. What offers? Whole or part. Ilex Supply Co., Ltl., 252b Gray's Inn Road, W.C. 1.

SECOND-HAND SHOP FITTINGS.—Just out of use, complete Set, comprising 11 feet drug fitting with mahogany drawers, bottle shelving and lockers, several other nests of drug drawers and shelving. 16 ft. mahogany top serving counter filled with drawers at back, 5 ft. dispensing screen and counter, large perfumery showcase and desk, mirror back and glass shelves, fine bent plate-glass counter showcase, 5 ft. mahogany wall case with drawers under, four good carboys, etc., all for 60 guineas; suit beginner or branch. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C. 1.

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White Demy, Yellow Wove, Bro-n, White and Coloured Tissues, Small Hauds (Whitey-Brown), Seidlitz Jlue, English Krafts and Browns, String, 8 oz. balls, 30% per Gozen Stort Parcel String, 16 oz. balls, 15/- per dozen Samples on applica-tion, only if weight of ream is given or sample sent to match.

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4 Churchill-Road, Homerton, E 9.

100,000 SACCHARIN TABLETS

(½ gr. 330 in 1), 17s. per 1000; 5000, 16s. 10d. per 1000; 10,000, 16s. 9d. per 1000. £5 15s. per Ib. Cash with order. Carriage paid.

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Prints up to and including *plate*

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MARTIN, Chemist, SOUTHAMPTON.

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Manufacturer has special use for these, and will be glad of offers in any quantity of all sizes of Inguinals or Scrotals from Chemists and Sundriesmen; principals only.

Reply promptly to No. 178/3, Office of this Paper.

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We compress tablets from your own Ingredients or otherwise, plain or coated. Large quantities dealt with quickly.
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to be made in the Photographic Department of your business, but the Developing, &c., must be WELL and QUICKLY done. We are experts, and return all work promptly. We pay return postage on all orders of 2f- or over. Send for our list and give us a trial.

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"ASPANCO" BRAND.

Perfect Substitute for Sugar. cash with order. Also in bottles of 100, 250 and 500.

Per 1000, 14/-, pcst free, 6d. and 1/- boxes, and bottles of 100, 250 and 500.

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A. S. PRICE & CO., Ld. BIRMINGHAM

WINDOW TICKETS& WINDOW POSTERS.

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CLEAR BLUE TINTED, plain or graduated. 6 and 8 ounce.

CLEAR BLUE line. 6 and 8 or 13 ounce. 13 ounce.
WHITE PHIALS, plain or teaspoons. 13 ounce.

Market Prices Charged.

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BLUE LOTION BOTTLES, all sizes. ORKS. Superior Quality. No advance in price. Sand 8 ounce 1s. per gross, in 6 gross bags.
Vials 1Od. per gross, in 3 gross bags.

Delivered free within 7 miles, and to certain stations. Particulars on application.

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Established 100 Years.
Bankers: London County and Westminster Bank, Bloomsbury Branch.

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Guaranteed B.P. Lard on the Market.

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BEFORE PLACING YOUR ORDERS. WRITE FOR PRICES TO

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No wording on labe! or on boxes to render liable under new Act.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

IMPORTANT.

TO PHOTOGRAPHIC DEALERS.

Why not sell your stock of Cameras and Accessories before they become stale?

Hundreds of Chemists find themselves with Photographic Goods they are unable to sell owing to present war conditions, lack of film supplies, and staff to work these sidelines. Next year they will be totally unsaleable. We buy them, and give a good price. Ask your neighbours (we are well known), and they will tell you we do our business fairly, promptly, and pay up sharp. We never quibble.

We pay TWO-THIRDS RETAIL PRICE for the following:

Vest Pocket Kodaks with R.R. lenses (55/- model); Watch Pocket Carbines 2\frac{1}{3}-square, and spools for each; Kodak Developing Tanks (Brownie and 3\frac{1}{2}"); No. 2 Folding-Brownies; No. 0 and No. 1 Brownies, and No. 2 Brownie spools.

This gives you a small profit. Why keep them on your shelves?

We will buy anything else Fhotographie you have, from a 40-guinea Reflex to a 1/- Dark-Room lamp, and give equally good prices, according to demand and current market value. Do not trouble to send specifications. Pack us up a box. On receipt we write you our offer immediately. If we fail to come to terms we send back at once, earriage paid.

We are principal Agents for all the leading Photographie Manufacturers. Ask any of them what they think of our business methods. We receive these testimonials daily:

Bedford.—"I have never yet met such prompt attention at the hands of any busine shouse."

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should have any part of photographic apparatus to dispose of, I shall be glad to further deal with you."

H. G., of London.—"I have much pleasure in accepting your cheque for £7 10s., and shall be glad at any future date to have further dealings with you, and to recommend you to any of my friends.

WATSONS, CAMERA HOUSE, 84 High Street, SHEFFIELD.

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THE GOLD MEDAL FRUIT DRINK.

SQuick Seller. Big Profits. Over 50 Years' Reputation.

"ABDINE" is the most popular Health Drink. Superior to all Mineral Waters. Sold in Packets, 2 for 2 d.; Boxes of 13 Packets 1/3.

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One halfpenny per word with name and address. One "penny per word if we register the address and attach a number. No advertisement inserted for less than 6d.

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MISCELLANEOUS.

- 1 CWT. English Becswax. Geo. Wise, Chemist, Launceston.
- SUPPOSITORY Mould, grs. 15; Pill Machine, 24. Apply 188/33, Office of this Paper.
- TABLETTING Machine; new; not been used; £6 with tools. Apply G. C. Kirtley, Broomley, Stocksfield.
- 1 DOZ. 1 min. plain Clinical Thermometers, each in case; English made; 22s. doz. Apply 180/12, Office of this Paper.
- WHAT Offers? Southall's £4 4s. Apoth. Hall Mat. Med. Case as new; splendid help to apoth. students. F., 88 Mexfield Road, East Putney, S.W. 15.

WANTED.

- WANTED, 14 lb. Yellow Prussiate Potash; commercial. Anthony, Chemist, Bedford.
- SACCHARIN wanted. State strength and lowest price, Parker, 24 Mathew Street, Liverpool.
- WANTED, Steario Acid Pure, B.P.; any quantity; state lowest price for cash. Apply 182/2, Office of this Paper.
- SHAVING Stick Tubes; state size and quantity; must be without inscription. Apply 180/17, Office of this Paper.
- TINS .- Round Tins, 1 lb. to 10 lb., slip on or lever lid; any quantity. Sizes and prices to Cuff, 453 Caledonian Road, N.
- OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.
- WANTED, Receipt-Printing Cash Register (National); secondhand; keys to £2; in good condition and oheap. Write at once to F. Wood, 2 Waverley Villas, Daisy Road, Woodford, E. 18.
- GLYCERINE, 1.260; any quantity purchased, to be used in manufacture of goods permitted by Ministry of Munitions. State quantity and price, Box 180/38, Office of this Paper.

Printed for the Proprietors by SPOTTISWOODE, BALLANTYNE & CO., LTD., 1 New-street Square, E.C. 4, and Published by the Proprietors at 42 Cannon Street, in the City of London.—November 24, 1917. [88]



SATURDAY, NOVEMBER 24, 1917

This Supplement is Inserted in every number of The Chemist and Druggist;

CHEMISTS' TRANSFERS. Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—MAYFAIR.—Good-class Dispensing and Retail Business; returns £1,200; gross profit £650 to £700; books open to inspection; the shop is well-fitted and stocked; vendor is relinquishing on account of health; valuation terms entertained; excellent opportunity for a pushing, energetic man.

2.—LONDON, N. (Favourite Residential Suburb).—Good-class Business; excellent situation; returns under Manager between £1,100 and £1,200; gross profit £446 and net £300; attractive, well-fitted shop, with comfortable residence; vendor's own property; new lease; very little opposition; price £450, or simply the valuation of stock and fixtures.

3.—LONDON, N. (Distant Suburb).—Ready-money Business, situate in shopping thoroughfare; returns about £1,100; gross profit £561 and net £450; comfortable residence with small garden; terms, simply valuation of stock and fixtures.

4.—FINSBURY PARK (near)—Cash Rétail Business and own Proprietaries; position is exceptionally good, and the returns can be much increased; present rate about £1,200; owing to a breakdown in health an immediate sale must be effected; terms, valuation of stock and fixtures.

5.—LONDON (Distant Suburb).—Ready-money Retail Business; established upwards of forty-five-years; returns between £10 and £12 per week; net profit about £250; rent £25; price £200 or near offer.

6.—LONDON, N.—Middle-class Business; Retail Dispensing and grood sele for own Proprietaries; aross receipts £900; net profit

6.—LONDON, N.—Middle-class Business; Retail Dispensing and good sale for own Proprietaries; gross receipts £800; net profit £200; price £250; less than value of stock and fixtures.
7.—CITY (within easy distance of).—Old-established Business in good position in populous district; the net income is £386, and under energetic management can be increased; good house; rent £50; price £600.

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9.—SEASIDE RESORT (South of England).—Retail and Dispensing Business, situate in shopping thoroughfare in chief business centre; returns between £1,400 and £1,500; gross profit last year, £570; well-appointed shop and comfortable residence; no reasonable offer refused.

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11.—YORKS (Large Town).—Good-class Retail and Dispensing Business; established many years; returns between £900 and £1,000; profits good; large residence, with private entrance; vendor will accept valuation of stock and fixtures.

12.—WESTERN COUNTY.—Mixed Country Retail, Dispensing, and Agricultural Business with own Preprietaries, situate in best position in good market town; returns £1,700; price about £1,000

£1,000

£1,000.

13.—THAMES VALLEY.—Retail and Dispensing Business, situate in busy main thoroughfare; returns between £1,800 and £1,800; net profit £461; books open to inspection; price £850; stock and fixtures recently valued at £650.

14.—HARROW.—Retail and Dispensing Business; situate in growing neighbourhood; returns exceed £500 yearly; corner shop; situate in close proximity to railway station; price about £300.

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Messrs. O. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

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IMITED quantity Cera Flav., 4 lb., 9s. 7d. delivered; Tabs about ½ oz., per ½ gross, 4s. 2d. delivered; cash with order. Levis, Chemist, Skibbereen. Sample, 2d. stamps.

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SMALL National Cash Register (second-hand) for Sale; total adder and in good condition; cheap. Write to F. Sutton, 5 Bronson Road, Raynes Park, S.W. 19.

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DURHAM AND NORTHUMBERLAND.—Traveller, with very big connection of long standing, wauts good side lines for Co-operative Stores and Grocers or Chemists. Apply 178/21, Office of this Paper.

TRAVELLER, with strong personality and plodding energy, well in with buyers, holding one commission only, able to introdnce 10 years' good paying connection, regularly calling on Chemists, Drapers, leading Stores, seeks one new line requiring expert for new account opening; state terms; preference given commission and half expenses. "C. I. L." (178/28), Office of this Paper.

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1.—KENT (Suburb).—Good progressive Middle-class Business; no booking; returns £1,850; net profit £450; books properly kept; convenient house; handsome Pharmacy, heavily stocked; price £50 and valuation; about £1,000; strongly recommended.

2.—LIVERPOOL.—Light Retail and Prescribing; no side lines; all ready money; returns under Manager £16 a week, increasing; sorner double-fronted shop; good house; price £350.

3.—HERTS (Market Town).—Most desirable Light Country Betail; easily worked; returns about £900; good profits; excellent house, bathroom, etc.; very best position; well stocked; price for prompt sale, £400 cash; strongly recommended.

4.—BIRMINGHAM.—Very profitable Cash Retail; main road position; returns £900; net profit £320; books properly kept; emart well-fitted Pharmacy; heavily stocked; urgent family reasons accessitate a quick sale; price £450; much under valuation.

5.—WEST END.—High-class Dispensing business in prominent position; returns average over £2,000; net profit £620; excellent chance for two smart men; price for quick sale £950, or small goodwill and valuation goodwill and valuation.

6.—NORTH LONDON (Healthy Suburb).—Sound progressive Oash Business for immediate dieposal through serious illness; returns £1,150: net profit fully £300; fine modern Pharmacy; excellent main road position; low rent; price £750 or offer.

7.—LONDON (Distant Suburb).—Good middle-class Cash Retail; chiefly Presoribing; returns £14 weekly, increasing; net profit æbout £300; very low rent; fully stocked; price £475 or valuation; £200 cash; balance by instalments; trial allowed.

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Appointments for stocktakings and valuations should be made early, as we have only a few vacant dates open during the mext three months. Full particulars and terms sent on application.

Ex Prize Court and various Steamers.

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AUCTIONEERS (Established 1790),

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London Commercial Sale Rooms, E.C., On THURSDAY, DECEMBER 6, 1917,

At 2 o'clock, the following Goods:

LIQUORICE, LIQUORICE PELLETS, FORMATE OF SODA by E. MERCK, OXALIC ACID. 73 DRUGGISTS' BALANCES.

And a quantity of various goods.

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BUSINESSES FOR DISPOSAL

3s. 6d. for 50 words or less; 6d. for every 19 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

Price-lists, trade circulars, samples, and printed matter can in accesse be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

CARLISLE.—For Sale as a going concern, in consequence of the death of the owner, Chemist and Sight-testing Optician's Business, along with the premises on which the same arc carried on, comprising Shop, Dispensing and Sight-testing rooms, and dwelling-house attached; the business was established in the year 1846, and for the last 55 years has been successfully carried on by the late owner; a large portion of the purchase money of the premises will be allowed to remain on mortgage at 5%. Further particulars on application to J. S. Jackson, Solicitor, Carlisle.

CREAT YARMOUTH.—Genuine old-established Business; excellent position; low rent on lease; good stook; returns £2,000; will accept low price for speedy clearance; would entertain partnership from one able to take control. Shearman, 156 King Street.

L ONDON, S.W.—Genuine Business for Sale in good residential locality; returns £1,900, increasing yearly; about £750 required. Apply 182/6, Office of this Paper.

SOUTH WALES.—Important market town Carmarthen, on account of serious health breakdown.—For disposal, very old-established well-known Chemist's Business, at present carried on for past 22 years by Mr. A. Arthur; fine corner premises, double-fronted, handsome fixtures and well stocked. Further particulars, apply 6 Nott Square, Carmarthen.

YORKS (Heavy Woollen District) Drug Stores.—Excellent opening for fully qualified Chemist; well populated town; opening for Dentist and N.H.I. Panel work; well-stocked and fitted shop; utensils, goodwill, and stock, £300 to £400; rent low; cash trade returns £730; retiring on account of age and failing eyesight and health. Apply 182/16, Office of this Paper.

FOR Immediate Disposal.—First-class Pharmacy, North London; excellent possibilities for increased business; modern fittings; well stocked; splendid central position; low price for quick sale. Apply 180/31, Office of this Paper.

FOR Sale, Chemist's Business (established 1846); good fixtures and stock; for immediate disposal; Post Office attached; no reasonable offer refused. Further particulars from Mr. J. S. Moore, 56 Grange Road, Bermondsey, London, S.E.

FOR Sale, Business in good locality, owing to owner having gone to war; shop well stocked and fitted; good house; fortune for an enterprising man; bargain £250; every investigation allowed to genuine applicants. Apply Solo, o/o 40 Monks Road, Lincoln

COLDERS GREEN (near by).—Cash Drug Stores; immediate sale; good opening for smart Chemist, doing, with inexperienced lady Assistant, about £8 a week; 20 years' lease; price, fixtures, fittings and lease £100, and stock at valuation. "Q. M." (190/39), Office of this Paper.

£450 WILL buy splendid Mixed Country Chemist's Business; no opposition; wine licence; well stocked; usual fittings; rent £35; good house, double-fronted shop, garden, stabling, etc.; reason for sciling, closing trust; takings good; exceptional opportunity for enterprising man; every investigation to prospective buyer. Apply M., 40 Monks Road, Lincoln.

TO LET.

CHEMIST'S Shop and Parlour to be Let; prominent corner position, facing Public Baths; old established; low rent; dwelling rooms if required. Apply 13 Prince of Wales's Road, Kentish Town, or to G. M. Gates, 15 Walbrook, E.C. 4.

SHOP to be Let; double-fronted; splendidly situated in shopping centre of main road, and fitted as a Chemist's; occupied by Chemist for nearly 50 years; good business just closed owing to illness; fixtures at valuation; rent £50 per annum, tenant paying rates and taxes. Apply Harry Hooper & Co., Surveyors and Valuers, Estate Offices, Millwall, 14.

TENDERS.

CONTRACTS.

THE Guardians of the Poor of the Parish of St. Mary, Islington, invite Tenders for the supply of Drugs and Druggists' Sundries for three months from the 1st January, 1918 (inclusive), to the several Institutions of the Guardians in the Parish. Printed forms of Tender must be obtained from the Clerk personally, or a stamped addressed brief-size envelope may be sent. Sealed Tenders must be delivered at the under-mentioned offices on or before Tuesday, the 4th December, 1917, and they will be opened at a Meeting of the Guardians on Thursday, the 6th December, 1917. The Guardians do not bind themselves to accept the lowest or any Tender.

By Order,

Guardians' Offices,

Guardians' Offices, St. John's Road, Upper Holloway, N. 19. 20th November, 1917.

BUSINESSES WANTED.

DISPENSING and Retail Business wanted, returning about £2,000, or larger on easy terms; cash up to £500; home or southern counties. Send full particulars, which will be treated as strictly confidential, to 181/1, Office of this Paper.

MALL Ready-money Business; Hampshire, Dorset, or Wilts preferred; pleasant surroundings; low rental; garden essential; cash transaction. Please state usual particulars, and if any Panel work done, Davies, 101 Caversham Road, Reading..

SOUND Cash Business wanted; Retail and Dispensing; situated in good thoroughfare, returning about £1,500; Scotland, east coast, preferred; state full particulars in strict confidence. Address to 180/17, Office of this Paper.

PARTNERSHIPS.

GENTLEMAN requires Partnership in Wholesale Drug, Manufacturing, or allied trade; thoroughly experienced in all branches; good capital to invest if right thing; no agente; full particulars in confidence. Apply 170/28, Office of this Paper.

PARTNER wanted in established business where there is scope for an energetic man; returns, including branch, about £4,000; price for half-share £200, and valuation of stock and fixtures; references exchanged. Apply "Alpha" (192/4), Office fixtures; refer of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

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RETAIL.

BIRMINGHAM.—Young lady Assistant required for working-class business; comfortable permanency; a little experience essential. State when at liberty and salary required, "H. S. A." (178/36), Office of this Paper.

BIRMINGHAM.—Lady Assistant required for Light Retail and Dispensing business; comfortable and permanent position. State age, experience, and salary required, "W. R." (178/360), Office of this Paper.

BIRMINGHAM.—Unqualified Assistant wanted; ineligible for military duty; well up in Dispensing, smart and courteous at Connter, good address. Apply, with full particulars, General Manager, Hedges (Chemists), Ltd., Dale End, Birmingham.

BRIGHTON:—A capable Assistant required for a good-class Retail and Dispensing business; must be honest and reliable.

Apply, with full particulars, to Parris & Greening, 16 Western Road, Hove.

DERBY.—Qualified Dispenser, N.H.I. qualification, either sex, for Institution, to replace man called up; salary to suitable person, £120 per annum. State age, experience, and other particulars to Thos. M. Cooper, 13 Otter Street, Derby.

HASTINGS.—Two lady Assistants, one with Minor qualification, the other with previous experience in Dispensing and Retail business (qualification not necessary), required in high-class Dispensing and Retail business. Apply, stating reference, experience, and salary required, to Neve & Co., Proprietor Harold E. Skyrme, 12 Wellington Place, Hastings.

LONDON.—An exceptional opening for qualified man (or lady) in working-class business; liberal salary to suitable applicant; good references required. All particulars to 174/7, Office of this Paper.

CONDON, CITY.—Wanted, qualified Dispenser, over military age, with energy and initiative; hours 9-7 p.m., Saturdays 1.30, no Sunday duty; abstainer preferred. Apply by letter, or interview, 10 a.m. to 12, to Manager, Vince & Froom, 64 Aldersgate Street, E.C.

I ONDON (HAMPSTEAD).—Wanted, Junior Assistant (lady or gentleman), full or part-time, chiefly for Dispensing. Please write, giving particulars of experience and age, H. Williams, Dispensing Chemist, 31 Heath Street, Hampstead, N.W. 3.

London, N.—Manager wanted for Branch; good Dispensing and Retail business; hours 9 to 8, 1 hour duty alternate Thursday and Sunday. Fullest particulars to 181/38, Office of this Paper.

LONDON, S.E.—Assistant wanted, ineligible or over military age, outdoors, for quick Cash Retail; no Sunday duty, Thursdays one o'clock. Apply, stating age, salary required, experience, also references, to Brooks' Drug Stores, corner of High Street, Broadway, Deptford.



This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed o/o this Office. The Publisher desires to make it clear that this is quite superfluous, and perhaps this reminder will obviate the necessity of the frequent return by him of such remittances.

ANSWER IN TERMS OF THE ADVERTISEMENT AND

- REMEMBER you are one of possibly hundreds applying for the same position. Put your case before the advertiser so that he may be able to form a MENTAL PICTURE of your suitables. ableness.
- BE BRIEF BUT CLEAR.—Millions of applications are consigned to the waste-paper basket UNCONSIDERED, because the reader cannot form this picture from the inadequacy of the materials and hefora hum materials set before him.

RETURNING PHOTOS, Etc.

Advertisers in this section who receive portraits and copies of testimonials from applicants with a stamped addressed envelope for reply are reminded that the unduc retention of these often means a hard-ship to the sender. All personal documents should be returned as promptly as possible after perusal.

LONDON, S.W.—Outdoors Assistant; lady or gentleman; experienced in Counter and Dispensing; no N.H.I.; duties light. Salary and full particulars to "Alpha" (192/19), Office of this Paper.

LONDON, W.—Evenings; qualified man; alternate Thursday, Sunday, and two or three other evenings about 1½ to 2 hours; middle-class business, near Walham Green. Apply Goodell, 66 Lower Richmond Road, Putney.

LONDON, W.—Experienced and reliable unqualified Assistant wanted for good-class Retail and Dispensing. Give full particulars, references, and salary required to "Manager," 1 Baron's Court Road, West Kensington, W. 14.

LEICESTER ROYAL INFIRMARY.

PHARMACIST and Dispenser required, preferably with experience of Institution work and the purchase of Drugs and Dressings; salary £4 4s. per week, rising. Apply, with full particulars, age, etc., House Governor and Secretary, Leicester koyal Infirmary.

PROVINCES.—Wanted by leading firm, gentleman to undertake management of high-class Pharmacy; several Assistants employed; must hold Major qualification and have considerable knowledge of Bacteriology and Medicine, excellent opportunity for really up-to-date man. Address, stating age, experience, salary required, and other relevant information, 188/68, Office of this Paper.

OUTH COAST.—Unqualified Assistant for smart Store Pharmacy; salary £3 per week and commission, which would be another 10s, weekly to good Salesmau; ineligible; good appearance and address; up-to-date Window-dresser; permanency. Full particulars, age, height, when disengaged, etc., to 182/4, Office of this Paper.

SOUTH OF ENGLAND.—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co. Ltd, Chemists, Portsmouth.

WEST MIDLANDS.—Qualified Chemist to manage good class Retail and Dispensing business in centre of populous town; easy hours, no Sunday or night duty; commission paid on profits; applicants must give particulars of experience; age, and salary required. Apply 178/25, Office of this Paper.

A SSISTANT: Surgical Instrument business; Shop Counter. Address, stating age, wages expected, and duties accustomed to, "Surgical," Lee & Nightingale, Liverpool.

A SSISTANT (unqualified) required scon for Dispensing and General Retail; incligible or lady; reasonable hours. Full particulars and salary required to H. W. Bealc, 3 High Street, South Norwood, S.E. 25.

A SSISTANT wanted for Light Retail and Dispensing after Christmas; short hours or part-time; suit student reading ap; outdoors; usual particulars, photo, salary required. Apply in first instance by letter only (applications not answered in three days declined), Whitchurch, Chemist, 50 Goldsmith Street, Nottingham.

A SSISTANT; unqualified; outdoors; not liable to military service; uo Suuday duty, reasonable nours. State salary, references, and full particulars, "North Staffs" (179/8), Office of this Paper.

A SSISTANT (outdoors); lady; able to help in Dispensing. State age, salary required, experience, and give references, French. Chemist, Sittingbourne.

A SSISTANT Dispenser (lady) wanted, December 1; hours 11-1 and 6-7; £52 per annum. Apply Hon. Sec., E. Dulwich Dispensary, 195 Landells Koad, S.E. 22.

A SSISTANT (ineligible) required for good-class Retail Dispensing and Photographic business. Full particulars to Green & Co., Chemists, Swindon.

A SSISTANT (unqualified) immediately for good-class Retail Dispensary and Photographic business; easy hours; whole day off weekly; state salary. H Hall, 51 The Broadway, Crouch End, London, N. 8.

DISPENSER and Counter hand wanted; lady or gentleman; hours 9 a.m. to 7 p.m. three days per week, Thursdays close 1 p.m. Apply, with full particulars, to Gould, 10 High Road, Chiswick. Telephone, Chiswick 1428.

JUNIOR Assistant wanted for good Dispensing and Retail business. W. Pickard. 5 West Kensington Terrace (opposite West Kensington Station), W. 14.

ADY Dispenser wanted immediately (Pharmaceutical licence) for the Lowestoft Friendly Societies' Medical Institute: short hours. For particulars apply to the Secretary, Edward Kemp, 94 Norwich Road, Lowestoft.

LADY Assistant (Dispensing department) immediately; hours 9 to 7, Thursdays 1, Saturday 8.30. State age, height, experience, qualification, and salary required (photo if possible), G. T. W. Newsholme, Ltd., 27 High Street, Sheffield.

LADY Assistant for Store in Edgware Road; Hall qualification (but not essential); for Dispeusing, putting up Stock, and Counter when required; neat worker and energetic. Please state experience and wages required. Apply 182/10, Office of this Paper.

PART-TIME lady Assistant required immediately, three or four afternoons and evenings weekly, including Thursday; Sundays alternate weeks, 6.8 p.m.; good Dispensing experience. Apply 30 Highbury Park, N.

PHARMACEUTICAL SOCIETY OF IRELAND.—The Council of this Society will, on December 11, 1917, proceed to the appointment of an Examiner for the Materia Medica and Botany Division of the Pharmaceutical Licence Examination, subject to the approval of His Excellency the Lord Lieutenant and the Privy Council of Ireland. Full particulars will be supplied by the Registrar, with whom applications should be lodged not later than December 3, 1917. Arthur T. Ferrall, Registrar, 67 Lower Mount Street, Dublin.

QUALIFIED Manager (lady or gentleman) required for management of mixed country business; comfortable berth to good applicant. Apply, stating salary, references, etc., to M., The Pharmacy, Askern, Doncaster.

REQUIRED, lady Counter Assistant with experience in the selling of Perfumery and Druggist Sundries in ordinary demand; smart appearance; hours of work 8.45 to 6.15, 1 o'clock Saturdays, no Sunday duty. Apply, stating full particulars of past experience and salary required, to L. J., Manager, Drug Department, Army and Navy Stores, 105 Victoria Street, S.W. 1.

TABLET COATER WANTED.

State full particulars as to age, wage, and experience to WIGGLESWORTH, LIMITED, WESTHOUGHTON, LANCS.

THE Southampton Friendly Societies Medical Association require a qualified lady Dispenser early in December; surgery lours 10-12 and 6-8; Sundays off, and Wednesdays after 12 o'clock, State age, experience and salary (outdoors), with two recent references, Secretary, 103 Clifford Crescent, Southampton.

THOMPSON & CAPPER, LTD., Chemists, 51 Picoadilly, Manchester, require an unqualified Assistant for high-class businoss. Send usual particulars of age, experience, wage, etc., also enclose photograph.

TWO young lady Assistants wanted; one for Dispensing and to help at Counter when required; the other for Counter and Stock; both must have had experience. State references, salary required, and give all particulars, to A Middleton & Son, 25 Lister Gate, Nottingham.

UNIVERSITY COLLEGE HOSPITAL, Gower Street, W.C. 1.—Assistant Dispenser, holding Minor qualification (lady or gentleman), required 15th December; selary £145 per annum; hours 9 to 5. Saturdays 9 to 1; additional attendances on two evenings weekly until 9, and every third week on Saturday afternoon. and for one hour on Sunday. Apply to C. H. Hampshire, Pharmacist.

WANTED, a competent gcutleman, about 22 to 30 years of age, uot qualified, for a few weeks at the Garden City, Letchworth; a beautiful country and comfortable home. Apply to W. Hooper & Co., Letchworth, Herts.

WANTED, a competent qualified Assistant; over military age; outdoors; good salary. Apply L. Cameron, Pharmaceutical Chemist, Seaford, Sussex.

WANTED, Junior Assistant (outdoors) for Light Retail and N.H.I. Dispensing. State full particulars to Davies & Co., 344 Caledonian Road, N. 1.

WANTED at once, competent Saleswoman for Drug and Perfumery; permanency. Apply "S. F.," Goss, Ltd., 460 Oxford Street, W. 1.

WEEKLY offered to qualified lady Assistant (Minor); duties light: hours easy; good-class Pharmacy; healthy district near Cardiff. Apply, with full particulars, to T. E. Williams, Ltd., Chemists, Caerphilly, near Cardiff.

WHOLESALE.

COUNTLY WHOLESALE — A good Warehouseman, capable and willing, who knows something of a Chemist's and Druggist's business. Address, with particulars, 181/16, Office of this Paper.

EXPERIENCED Girls required for Packed Drug trade; also Learners between ages of 14 and 16. Personal application to Allen & Hanburys, Ltd., Bethnal Greeu, E.

EXPERIENCED Medicinal Capsules Maker wanted. Apply Evans Sons Lescher & Webb, Ltd., 60 Bartholomew Close, E.C.

PERPERIENCED man wanted for Packing and Despatching heavy and flue Chemicals; used to keeping Stocks preferred, but not essential; ineligible for military duties; Eastern district of London; good wages and permanency. Apply 144/62, Office of this Paper.

POR LONDON.—Required, one or two gentlemen with good connection amongst Chemists, to handle an excellent winter speciality; commission 10 per cent. on all orders and repeats; selling price, 18. 4d., 28. 6d., 48. 6d.; present sales, £50 a week. Apply 151/20, Office of this Paper.

MANUFACTURING Chemical Forculan, with experience in orystallising and purifying, required by a large Midland firm; must be a careful, accurate, and resourceful worker; able to manage men; wages 60% per week, with prospects. Send full particulars to Box B. 458, Suiths' Agency, Ltd., 100 Fleet Street, E.C. 4.

R. SUMNER & CO., LTD., Wholesale Druggists, Liverpool, require a Senior Clerk, who has had good experience in a Drug House; one conversant with oost prices and able to check extensions, and capable of supervising the technical work of the office; applicants must be incligible or over military age, and should fully state with what firms they have obtained their experience and what salary-they desire.

REQUIRED, part-time Travellers to work Chemists in South Coast and Wales in Surgical Sundries. Reply to 178/58, Office of this Paper.

REQUIRED in an Analytical Laboratory, a reliable lady Assistant with an experience equivalent to any of the following qualications: B.Sc., A.I.C. (Food and Drug), Ph.C. (Major), or a capable advanced student. Write, stating age and salary required, to Messrs. Stafford Allen & Sons, Ltd., Cowper Street, Finsbury, F.C. 2.

RESPONSIBLE man required immediately by Export Merchants; must have knowledge of Shipping, Bills of Exchange, and Bookkeeping, be a capable Buyer, able to conduct Correspondence, and ineligible for military service; good prospects and permanency. Give experience in writing and salary desired, 190/47, Office of this Paper.

SURGICAL INSTRUMENTS.—Competent and experienced man wanted for general Surgical and Sundries business; permanency. Details of experience and salary required to Burgoyne, Burbidges & Co., Ltd., High Street South, East Ham, E. 6.

WAGES £1 PER WEEK.—Women with some experience of Counter work, in Wholesale Druggists; Wets and Drys. Apply "Bellad" (186/22), Office of this Paper.

YOUTH, aged 16, as Junior Assistant in Analytical Laboratory of London Manufacturing Chemists. Write, stating if any knowledge of Chemistry, also salary expected, to "Bellad" (191/15), Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

3e. 6d. for 50 words or less; 6d. for every 10 words or lest beyond, prepaid. The Advertiser may, if preferred, have replied addressed to this Office, and forwarded on payment of an additional charge of 6d.

JAPAN.—Wanted immediately, an Assistant (qualified preferred) in a first-class Chemist's business at Kobe; easy hours; four years' contract; passage paid out and home; must be ineligible for the Army. Send for full particulars, with photo, to J. W. Franklin, 28 Alleyn Road, London, S.E. 21.

NAIROBI.—Qualified Assistant; free of military service; three years' engagement; salary \$25 per month for the first year, \$27.40s. for the second year, and \$50 for the third year; good prospects. Apply "G. K." (191/33), Office of this Paper.

LARGE firm manufacturing Surgical Dressings, Druggists' Sundries, Perfumes, and Packed Chemists' Goods, are desirons of appointing Agents and Representatives in British Colonies and foreign countries where unrepresented. Apply "Expansion" (186/36), Office of this Paper.

SITUATIONS WANTED.

 for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

[HOME.] RETAIL.

A DVERTISER; 30; experienced; disengaged Tuesday, Wednesday, Thursday, and Saturday mornings and afternoons. Particulars, please, Alexauder, 83 Portsdown Road, W. 9.

A FTERNOON post as Dispenser wanted; lady, Hall qualification; five years' good experience; bookkeeping if required. Dispenser, 7 Carlcton Road, N. 7.

A S Senior or Manager, over military age, seeks appointment; married; qualified; disengaged. H. Pepperdiue, Ichodesia, Seaford, Sussex.

A SSISTANT or Branch; no "after" or Sunday duty; City, West-End, and Hospital experience; discharged R.A.M.C.; disengaged. "No. 9," 25 Gilmore Road, Lewisham, S.E.

A SSISTANT; disengaged; unqualified; 49; town, country. "Rhei," 37 Upper Kennington Lane, London.

A SSISTANT; lady; unqualified; Dispensing, Retail; two years' West-End experience. Miss Rutter, 61 Sterndale Road, West Kensington, W 14.

A SSISTANT or Dispenser; age 20; C2; 5½ years' good experieuce; excellent references; abstainer; South Wales preferred, but not essential. Evans, 158 City Road, Cardiff.

A SSISTANT; unqualified; over military age; all-round experience; London; outdoors. W. P., 72 Tremadoc Road, Clapham, S.W.

A SSISTANT; 49; unqualified; good all-round experience; married; reference. Address 1 Lowwood Grove, Birkenhead.

A SSISTANT; unqualified; married; age 23; tall, smart, good experience and references; London only; South-West preferred. "Disengaged," 129 Geraldine Road, Wandsworth.

CHEMIST desires early appointment; any locality; middle-class trade preferred; please forward fullest details. Apply 180/35, Office of this Paper.

DISPENSER; Hall qualification: books; experience; in or near London Apply 188/3, Office of this Paper.

DISPENSER (lady); Hall certificated; Surgery experience; good reference. "E. L." (179/6), Office of this Paper.

DISPENSER (woman), Hall certificate, desires post in London or district; some experience; at liberty immediately. W. M. F., 16 Porringway, Golders Green, N.W. 4.

DISPENSER; qualified; part-time; Chemist or Doctor; good bookkeeper; over military age. Smith, 8 Brunswick Street, Blackpool.

DISPENSER, 30 years' experience, free for Hospital, Druggists, or Doctors; sole charge; locum or permanent; £3. "Medicus," 19 Rockmount Road, S.E. 19

 $E^{ ext{LDERLY};\ ext{qualified};\ ext{best-class}\ ext{experience};\ ext{easy hours};\ ext{terms}}{ ext{moderate}\ ext{(London)}.\ ext{Apply 181/27},\ ext{Office}\ ext{of}\ ext{this Paper}.}$

 ${
m E}^{
m VENING}$ Dispensing wanted in or near London; after 6 p.m.; qualified. Apply 180/27, Office of this Paper.

 H^{OSPITAL} Dispenser; Locum; qualified. Irving, 66 Rowfant Road, Balham, S.W. 17.

ADY Dispenser (Hall), some experience, desires post with Doctor or Institution; London district. "M. H." (180/36), Office of this Paper.

LADY Dispenser (Hall) requires post in Institution or Doctor, in London. M. G., 2 Cobham Road, Westeliff.

I ADY; 20; Matric.; four months' experience; Junior Assistant; indoors. Martin, Tregynon Rectory, Newtown.

LADY Dispenser (part Hall), engaged mornings, desires post with Doctor or Chemist in London. Page, 40 Windermere Road, N. 10.

LADY Dispenser (Hall) desires post with Doctor or Institution; experienced; moderate salary. C., 19 Ludlow Road, Ealing, W.

ADY Pharmacist desires post; full or part-time; Dispensing, Institution, or Laboratory; Liverpool or Manchester preferred; state full particulars. Apply "Statim" (177/35), Office of this Paper.

ADY Dispenser, Pharmaceutical qualification and Gold Medallist, seeks appointment with Doctor or Institution; whole or part-time; eight years' experience (over two in Institution); keen, thorough, methodical; country near London preferred; can interview London early December. Hanna, 6 Alma Terrace, Calne, Wilts.

LADY Dispenser (Hall), experienced, requires post in London; Doctor, Chemist, or Institution; whole or part-time. P., 6 Park Hill, Ealing W. 5.

LADY Dispenser; certified; experienced; might suit Doctor as Chauffeuse-Dispenser; driving experience; near Liverpool preferred, not essential. Apply 182/9, Office of this Paper.

I ADY Dispenser, 19, qualified, Hall, speaking French, seeks post; Hospital or Institution preferred. J. K., 11 Cambridge Road, Hastings.

LOCUM; unqualified; ineligible; 15 years' experience; reliable Prescriber and Dispenser. 67 Martins Lane, Wallasey.

L OCUM Teneus; disengaged; unqualified; ineligible. "L. T.," Eton Road, Newport, Mon.

Locum. Manuge; or Hospital Dispenser; over military age; London and provincial experience. M.P.S., 11 Derwent Drive, Wallasey, Cheshire.

MANAGER or Assistant; qualified; ineligible; varied experience. H., 19 Osberton Road, Summertown, Oxford.

MANAGER; qualified; 46; energetic, wide experience, reliable; references; view to succession. Apply 179/7, Office of this Paper.

MANAGER; qualified; permanency; inetigible; married; West End experience; outdoors; references; disengaged. Alpha, 17 Gladstone Park Gardens, Cricklewood, N.W. 2.

MANAGER; locum; 48; Major; 5 ft. 8 in.; disengaged; experienced; references; outdoors. T., 59 Westmoreland Road, Cornwall Road, Paddington, W.

MANAGER; senior; qualified; experienced; smart Counterman; permanency; locum; disengaged. Pharmacist, 21 Greengates Street, Tunstall.

MANAGER or Senior; 41; married; excellent all-round experience; good references; disengaged. "Statim," 47 High Street, Tunbridge Wells.

MANAGER or otherwise; town or country; exempt; qualified. "Alpha" (183/17), Office of this Paper.

MANAGER; qualified; exempt; London and provincial experience; married; country. State salary, "Codex" (181/7), Office of this Paper.

MIDDLE-AGED Chemist, qualified, desires appointment; wide experience, active, and reliable. "Pharmacist," Askern Spa. Yorkshire,

PART-QUALIFIED seeks post, Doctor, Dispensary; South London. Field, 25 Bywater Street, S.W. 3.

QUALIFIED, elderly, active, married, having just sold business, seeks position of trust; South-West England or South Wales. Apply "Cymro" (179/3), Office of this Paper.

QUALIFIED; incligible; smart high-class Retail and Dispensing. Apply 180/32, Office of this Paper.

QUALIFIED; locum, branch, or part-time. Chemist, 34 Wornington Road, Westbourne Park, W.

QUALIFIED Manager, 20 years' London experience, disengaged. "Chemist," 108b Elgin Avenue, W. 9.

QUALIFIED Manager; 46; energetic; experienced; permanent or looum; disengaged December 1. Pharmaoist, 4 Adolphus Road, Pinsbury Park, N.

QUALIFIED, 49, requires Managership of good-class brisk business; thoroughly experienced in every branch of the trade; active and accurate. Apply 181/31, Office of this Paper.

QUALIFIED Pharmacist; over military age; experienced; locum or permanency; disengaged; Manchester district. Apply 181/21, Office of this Paper.

UNQUALIFIED, 23, C3, eight years varied experience, present situation four years, desires change; state salary offered. Apply 181/23, Office of this Paper

V.A.D. DISPENSER (Hall) desires temporary or part-Apply 178/19, Office of this Paper.

YORKS (West Riding).—Experienced Assistant, capable of taking charge; ineligible; unqualified; married. Apply 173/33, Office of this Paper.

YOUNG lady Dispenser (A.H.), four years' experience, desirespost with Doctor (outdoors) after Christmas; good bookkeeper; excellent references. Apply 176/13, Office of this Paper.

YOUNG lady, eight months' general experience, desires post. Chemist; City or W.C. district preferred. Reply "C. K." (181/8), Office of this Paper.

WHOLESALE.

Price-lists, trade circulars, samples, and printed matter can in to ease be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

A DVERTISER, capable and experienced Traveller, is open to represent first-class Drug, Sundry, or allied business house; salary and commission. "Optime" (181/36), Office of this Paper.

CHEMIST, 31, unqualified, exempt, 14 years' first-class Retail experience, good appearance and manner, offers his services to Wholesale; would make successful Traveller. Apply "Wholesale," 38 York Street, Dublin.

CENTLEMAN, exempt, successful Representative, over twenty years' experience first London houses, open for engagement at once; London preferred. Apply 157/34, Office of this Paper.

CENTLEMAN, 45, having held important positions in Manufacturing Drug Houses, seeks similar position. Ainderby, House, The Green, Seaton Carew.

ABORATORY.—Manager or Foreman; Galenicals, Proprietaries, and general work of Steam Laboratory. Apply 178/1, Office of this Paper.

PHARMACEUTICAL Chemist seeks position as Assistant or Understudy to the Proprietor or Manager of a large manufacturing business; advertiser has filled similar positions in well-known businesses, and is entirely familiar with the most modern principles of office and factory organisation; has been accustomed to manufacture a very wide range of products on a large scale, to factory costing and economics, factory research, labour-saving methods and machinery, advertising and distribution methods, welfare work, etc. Apply 180/37, Office of this Paper.

PERFUMERY. Toilet Specialities, Vanishing Creams, Soaps; many years' experience; highest references; strong, active; used to management; ineligible; disengaged. Apply 180/20, Office of this Paper.

PHARMACIST (qualified) desirous leaving Retail for position with Wholesale house; married; over military age. "Phenol" (181/37), Office of this Paper.

PHARMACIST, colonial diploma, desires part-time work three half-days weekly and every evening in Retail Pharmacy or Export Drug house; knows seven languages. Apply 191/22, Office of this Paper.

REPRESENTATIVE.—Advertiser is open for engagement to act for first-class house; many years' experience Drugs, Sundries, and Instruments; so.ind connections; considerable Medical knowledge; first-class references. Apply 180/30, Office of this Paper.

MISCELLANEOUS.

DARK Blue Winchesters, 20 oz., about 18 dozen. What offers? Whole or part. llex Supply Co., Ltl., 252b Gray's Ind. Road, W.C. 1

SECOND-HAND SHOP FITTINGS.—Just out of use, complete set, comprising 11 feet drug fitting with mahogany drawers, bottle shelving and lockers, several other nests of drug drawers and shelving, 16 ft. mahogany top serving counter filled with drawers at back, 5 ft. dispensing screen and counter, large perfnmery showcase and desk, mirror back and glass shelves, fino bent plate-glass counter showcase, 5 ft. mahogany wall case with drawers under, four good carboys, etc., all for 60 guineas; suit beginner or branch. PHILIP JOSEPHS & SONS, LTD., 93 old Street, London, E.C. 1.

Market

PECOND-HAND Chemists' Fittings.—We have an exceptionally fine selection of these in all sizes; prices are right, and cods are in first-class condition; we shall be pleased to supply articulars and prices. Call or write, RUDDUCK & CO., 262 Old treet, London, E.C.

NOVEMBER 24, 1917

White Demy, Yellow Wove. Bro-n, White and Coloured Tissues. Small Hands (Whitey-Brown), Seldiltz Blue. English Krafts and Browns. String, 8 oz. balls, 10% per dozen Stout Parcel String, 16 oz. balls, 15/- per dozen Samples on application, only if weight of ream is given or sample sent to match.

D. W. BULL.

4 Churchill Road, Homerton, E 9.

100,000 SACCHARIN TABI

(2 gr. 330 in 1), 17s. per 1000; 5000, 16s. 10d. per 1000; 10,000, 16s. 9d. per 1000. £5 15s. per lb.

{ Cash with order. Carriage paid.

R. HOULT, Wholesale Druggist, 80 Box, 73 Elford Grove, LEEDS

Developing. Printing. Enlarging

Developing Spools, 6 Ex., 6d.; 12 Ex., 1/-; V.P.K., 6d.

Prints up to and including i-plate 1d. each.

ENLARGEMENTS. LIST FREE.

Prempt dispatch. Trade discount, 25 per cent. Postage extra

MARTIN, Chemist, SOUTHAMPTON.

SHOP-SOILED TRUSSES.

Manufacturer has special use for these; and will be glad of offers in any quantity of all sizes of Inguinals or Scrotals from Chemists and Sundriesmen; principals only.

Reply promptly to No. 178/3, Office of this Paper.

TO WHOLESALE CHEMISTS SHIPPERS, etc.

We compress tablets from your own ingredients or otherwise, plain or coated. Large quantities dealt with quickly. Superior Machinery and Scientific Control.

Lowest quotations for Cascara tablets in bulk.

R. GIBBINS & CO., 1 Birkbeck Road, Kingsians, LONDON, N.E.

THERE IS MONEY

to be made in the Photographic Department of your business, but the Developing, &c., must be WELL and QUICKLY done. We are experts, and return all work promptly. We pay return postage on all orders of 21- or over. Send for our list and give us a trial.

STEAD & CO., Photographic Experts, Duke St., BRIGHTON,

TEA SWEETENERS "ASPANCO" BRAND. -

Perfect Substitute for Sugar.

cash with order. Also in 6d. and 1/- boxes, and bottles of 100, 250 and 500.

Per 1000, 14/-, peat free, 6d. and 1/- boxes, and 500.

A. S. PRICE & CO., Ld. Blackheath, BIRMINGHAM

WINDOW TICKETS& WINDOW POSTERS.

produced in Artistic & Refined Colorings for advertising Christmas Presents. LIST SHOWING 100 DESIGNS FREE.

DUDLEY & COY HOLLOWAY R? LCNDON, N. The second second second second second second

CLEAR BLUE TINTED, plain or graduated. 6 and 8 ounce.

CLEAR BLUE 118 12 0 0 6 and 8 or 12 ounce.

12 ounce.

WHITE PHIALS, plain or teaspoons.

14 ounce.

Charged, BLUE LOTION BOTTLES, all sizes.

CORKS. Superior Quality. No advance in price Sand 8 ounce Vials 1s. per gross, in 6 gross bags. 1Od. per gross, in 3 gross bags. Delivered free within 7 miles, and to certain stations. Particulars on application.

I. ISAACS & CO., Glass Bottle Manufacturers, 106 Midland Road, St. Pancras, London, N.W. 1, or ISLINGTON BOTTLE COMPANY,

New Inn Yard, Tottenham Court Road, London, W. L. Orders sent to either establishment have attention,
Established 100 Years.
Bankers: London County and Westminster Bank, Bloomsbury Branch.

EVERY GENUINE PACKAGE



EWEN'S LARD

is the **ONLY LARD**

that is made exclusively for pharmaceutical and perfumery preparations and is the

BEST AND MOST RELIABLE

Guaranteed B.P. Lard on the Market.

BEARS THIS LABEL

CAPSULES

BEFORE PLACING YOUR ORDERS. WRITE FOR PRICES TO

BUI

4 Churchill Road, Homerton, E. 9. ESTABLISHED 27 YEARS.

No wording on label or on boxes to render liable under new Act.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "Tne Chemist and Druggist," should be the readlest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country,

IMPORTANT.

TO PHOTOGRAPHIC DEALERS. --

Why not sell your stock of Cameras and Accessories before they become stale?

Hundreds of Chemists find themselves with Photographic Goods they are unable to sell owing to present war conditions, lack of film supplies, and staff to work these sidelines. Next year they will be totally unsaleable. We buy them, and give a good price. Ask your neighbours (we are well known), and they will tell you we do our business fairly, promptly, and pay up sharp. We never quibble.

We pay TWO-THIRDS RETAIL PRICE for the following:

Vest Pocket Kodaks with R.R. lenses (55/- model); Watch Pocket Carbines 2\frac{1}{4}-square, and spools for each; Kodak Developing Tanks (Brownie and 3\frac{1}{2}"); No. 2 Folding Brownies; No. 0 and No. 1 Brownies, and No. 2 Brownie spools.

This gives you a small profit. Why keep them on your shelves?

We will buy anything else Photographic you have, from a 40-guinea Reflex to a 1/- Dark-Room lamp, and give equally good prices, according to demand and current market value. Do not trouble to send specifications. Pack us up a box. On receipt we write you our offer immediately. If we fail to come to terms we send back at once, carriage paid.

We are principal Agents for all the leading Photographic Manufacturers. Ask any of them what they think of our business methods. We receive these testimonials daily:

Bedford.—"I have never yet met such prompt attention at the hands of any business house."

Mr. A. W. I., of Evesham.—"I am in receipt of your letter of the 20th inst, enclosing cheque for £10, for which I thank you. The transaction has been most satisfactory. Thanking you for your courteous attention."

Mr. W. T., of Lincoln.—"I beg to acknowledge receipt of your cheque for £5 10s., with thanks. If at any time I

should have any part of photographic apparatus to dispose of, I shall be glad to further deal with you."

And the following:

H. G., of London.—"I have much pleasure in accepting your cheque for £7 10s., and shall be glad at any future date to have further dealings with you, and to recommend you to any of my friends."

WATSONS, CAMERA HOUSE, 84 High Street, SHEFFIELD.

ALL CHEMISTS SHOULD STOCK

THE GOLD MEDAL FRUIT DRINK.

Quick Saller. Big Profits. Over 40 Years' Reputation.

"ABDINE" is the most popular Health Drink. Superior to all Mineral
Waters. Sold in Packets, 2 for 2 d.; Boxes of 13 Packets 1/3.

Wholesale Prices on application. Sample Box 1/3. M'CLASHAN, M.P.S., Abdine Works, Westfield Road, EDINBURGH.

EXCHANGE COLUMN

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6d.

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FOR DISPOSAL.

DRUGS AND CHEMICALS.

- 40 OZ. bottles Ol. Lavand, Ang. (Hodgkinson's), 1901. What offers? Apply 179/1, Office of this Paper.
- ONE Irocose, Floriline, Lamplough Terrol, Karox, 4s. 6d. De Witt; two Zematone, Joys, 2s. 6d. De Witt; Poslam. Ballingall, 449 Great Western Koad, Glasgow.

MISCELLANEOUS.

- 1 CWT. English Beeswax. Geo, Wise, Chemist, Launceston.
- SUPPOSITORY Mould, grs. 15; Pill Machine, 24. Apply 188/33, Office of this Paper.
- TABLETTING Machine; new; not been used; £6 with tools. Apply G. C. Kirtley, Broomley, Stocksfield.
- 1 DOZ. 1 min. plain Clinical Thermometers, each in case; English made; 22s. doz. Apply 180/12, Office of this Paper.
- WHAT Offers? Southall's £4 4s. Apoth. Hall Mat. Med. Case as new; splendid help to apoth. students. F., 88 Mexfield Road, East Putney, S.W. 15.

WANTED.

- WANTED, 14 lb. Yellow Prussiate Potash; commercial. Anthony, Chemist, Bedford.
- SACCHARIN wanted. State strength and lowest price, Parker, 24 Mathew Street, Liverpool.
- WANTED, Steario Acid Pure, B.P.; any quantity; state lowest price for cash. Apply 182/2, Office of this Paper.
- SHAVING Stick Tubes; state size and quantity; must be without inscription. Apply 180/17, Office of this Paper.
- TINS.—Round Tins, 1 lb. to 10 lb., slip on or lever lid; any quantity. Sizes and prices to Cuff, 453 Caledonian Road, N.
- OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.
- WANTED, Receipt-Printing Cash Register (National); secondhand; keys to £2; in good condition and cheap. Write at once to F. Wood, 2 Waverley Villas, Daisy Road, Woodford, E. 18.
- GLYCERINE, 1.260; any quantity purchased, to be used in manufacture of goods permitted by Ministry of Munitions. State quantity and price, Box 180/38, Office of this Paper.

Printed for the Proprietors by SPOTTISWOODE, BALLANTYNE & CO., LTD., 1 New-street Square, E.C. 4, and Published by the Proprietors at 42 Cannon Street, in the City of London.—November 24, 1917. [88]

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"YADIL" Antiseptic

(Tri-Methenal allylic carbide compound).

Complete Internal and External Antisepsis.

E have perfected an antiseptic of unique properties, for which we have registered the name "YADIL" in the principal countries of the world.

This antiseptic is characterised by the fact that, although much more powerful than phenol, it can be taken internally without the slightest risk to the most delicate tissue and membrane, realising at last complete internal and external antisepsis.

Its other characteristics are the following:

Non-toxic, non-caustic, non-irritating. Contains no copper, mercury, arsenic, ether, alcohol, phenol, or cresol. Does not coagulate albumen. Does not modify hæmoglobin. Increases the activity of the phagocytes. Is intensely diffusive, and possesses powerful cell-proliferant properties. Does not stain nor deteriorate. Is fully miscible with water, and has strong deodorising powers. Can be used freely internally and externally in all cases of microorganic infection.

"YADIL" is not advertised to the public, but is being made known to the medical profession as fast as possible. Remarkable successes have been obtained in hospital practice, and from hospitals the use of "YADIL" is spreading to the Medical profession. The number of prescriptions for "YADIL" is increasing rapidly, not only in London, but all over the Kingdom.

We make this announcement in order that Chemists called upon to fill prescriptions for "YADIL" may know where to obtain it. Orders should be placed through wholesale firms.

CONCENTRATED FORM.

Sizes - - - 2-oz. 6-oz. 20-oz. 40-oz.

Retail Prices - 1/6 3/- 8/9 16/-

SOLE PROPRIETORS and MANUFACTURERS:

CLEMENT & JOHNSON, 19 Sicilian Avenue, London, W.C. 1.

CRÈME SHALIMAR

FOR SOFT WHITE HANDS

QUITE AS EFFICIENT AS GLYCERINE.

FOR CHAPPED HANDS.

REMOVES
ROUGHNESS
&
REDNESS.

RETAIL PRICE

1/=

per tube.



WHOLESALE PRICE

9/-

per dozen net. Carriage forward.

12 dozen

£5

net.

Carriage paid.

ORIGIN OF TITLE.

"Pale hands I loved beside the Shalimar Pale hands, pink tipped, like Lotus buds that float On those cool waters where we used to dwell."

—KASHMIRI SONG: INDIAN LOVE LYRICS.

A BIG WINTER ADVERTISING CAMPAIGN HAS BEEN ARRANGED.

BE READY TO MEET THE DEMAND.



A REALLY
GOOD
ARTICLE
MOST
ATTRACTIVELY
PUT UP.

SELLS AT SIGHT.

Dubarry et Cie

St Brompton Road LONDON SW

Wholesale Agents - THE STANDARD TABLET CO., LTD., HOVE.